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VORWELT

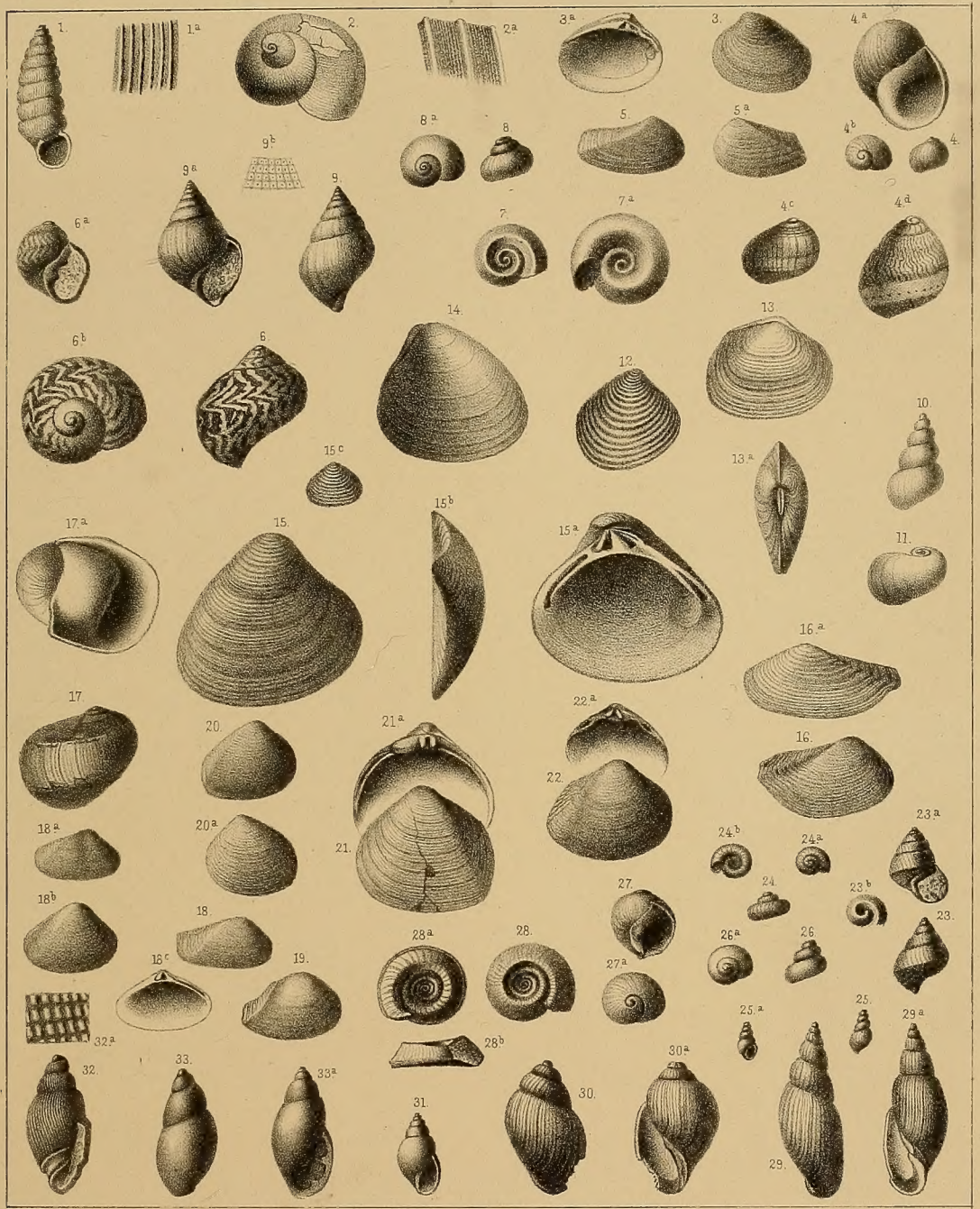
VON

Dr. FRIDOLIN SANDBERGER
O. Ö. PROFESSOR AN DER UNIVERSITÄT WÜRZBURG.

TAFELN.

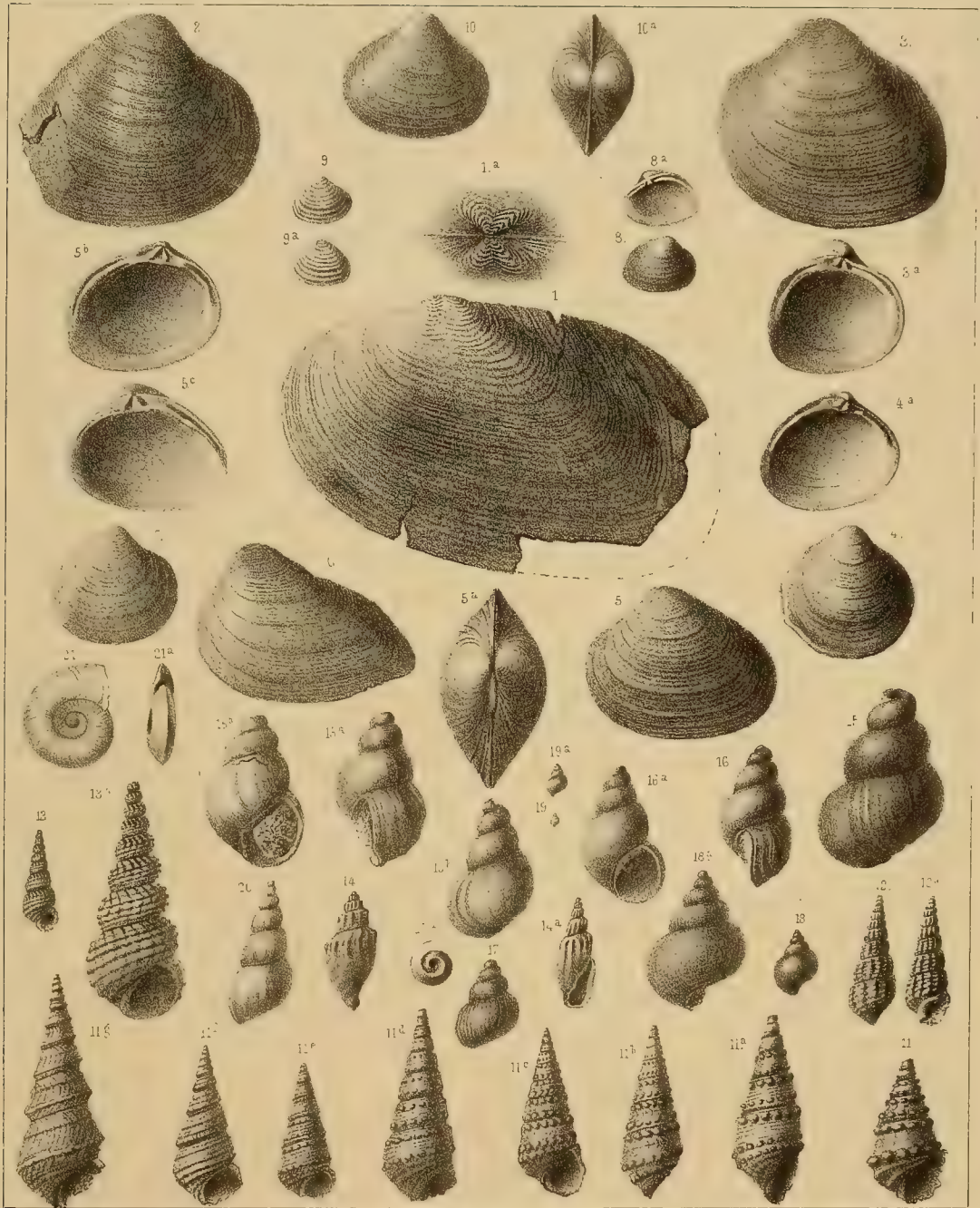
WIESBADEN.
C. W. KREIDEL'S VERLAG.
1870-1875.

M-S



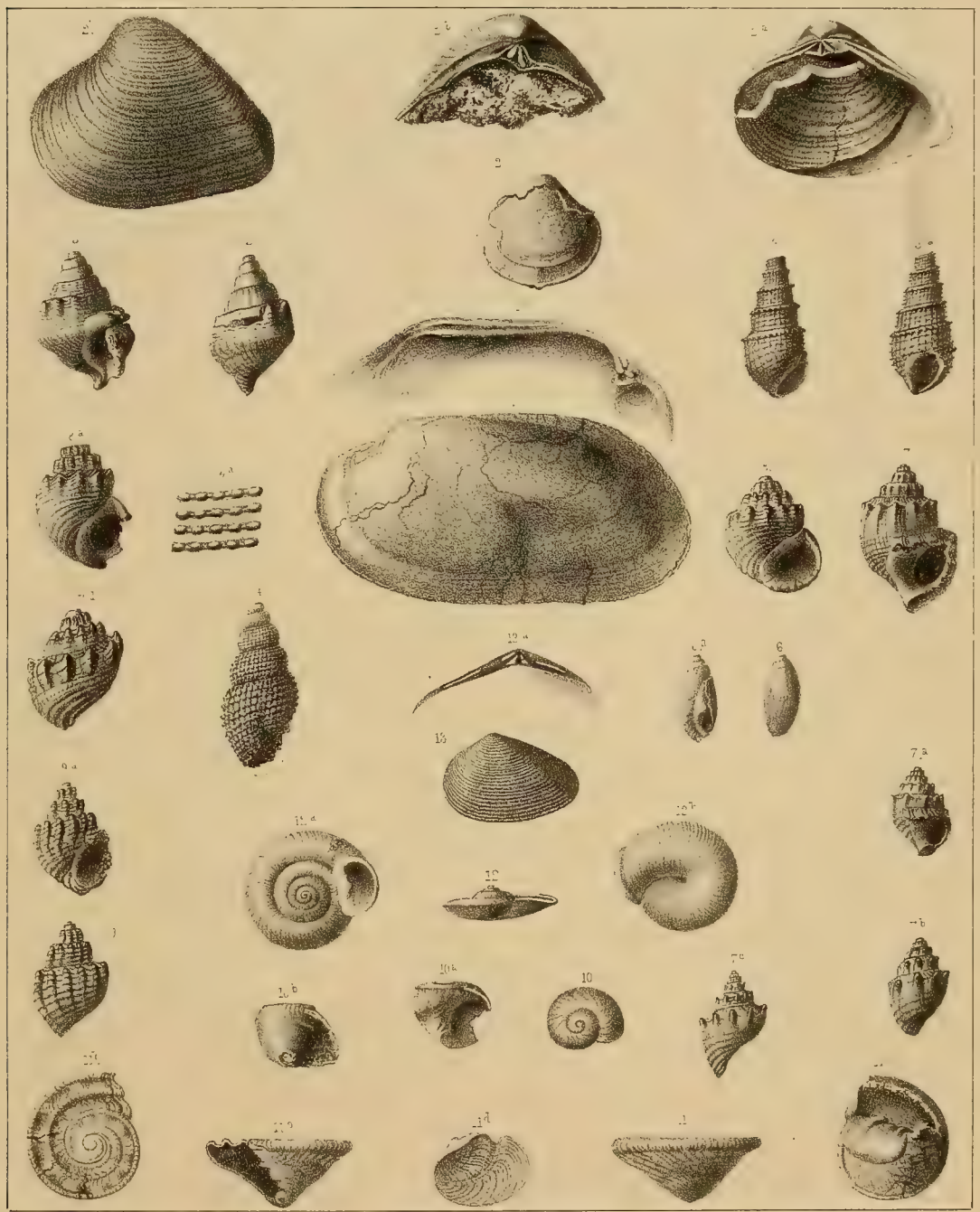
Gez. u. lith. v. F. Schlotterbeck. C.W. Kreidel's Verlag in Wiesbaden. Druck v. J. C. Henzler Stuttgart.

1. *Pupa vetusta Dawson.* (Steink.
2. *Conulus priscus P. Carpent* (Steink.)
3. *Cyrena Merkei Dunk.* (Lias)
4. *Neritina liasina id.* (Lias)
5. *Corbula raristriata Sandb.* (Br. J.)
6. *Neritina bidens id.* (Br. J.)
7. *Planorbis calculus id.* (Br. J.)
8. *Paludina? bulbiformis id.* (Br. J.)
9. *Melania macrochilondes id.* (Br. J.)
10. *Hydrobia praecursor id.* (Br. J.)
11. *Neritina staffinensis Forbes.* (Br. J.)
12. *Cyrena arata Forbes* (Br. J.)
13. ——— *cunninghamii id.* (Br. J.)
14. ——— *Maccullochii id.* (Br. J.)
15. *Cyrena rugosa J. Sow. sp.* (Portl.)
16. *Corbula inflexa A. Roem. sp.* (Portl.)
17. *Neritina transversa v. Seeb.* (Portl.)
18. *Corbula gregaria Koch. Dunk. sp.* (Purb.)
19. ——— *alata J. Sow* (Purb.)
20. *Cyrena media Sow.* (Purb.)
21. ——— *Pidanceziana Loriol* (Purb.)
22. *Cardium purbeckense id.* (Purb.)
23. *Leptoxis subangulata A. Roem. sp.* (Purb.)
24. *Valvata helicoides Forbes* (Purb.)
25. *Hydrobia Chavardiana Loriol* (Purb.)
26. *Amnicola Schlusteri A. Roem. sp.* (Purb.)
27. *Neritina valdensis Dunk.* (Purb.)
28. *Planorbis Loryi Coquand.* (Purb.)
29. *Physa roemeriana id.* (Purb.)
30. ——— *Bristovi Forbes* (Purb.)
31. *Limnaeus physoides id.* (Purb.)
32. *Auricula Jaccardi Loriol.* (Purb.)
33. *Corbicula Froti id.* (Purb.)



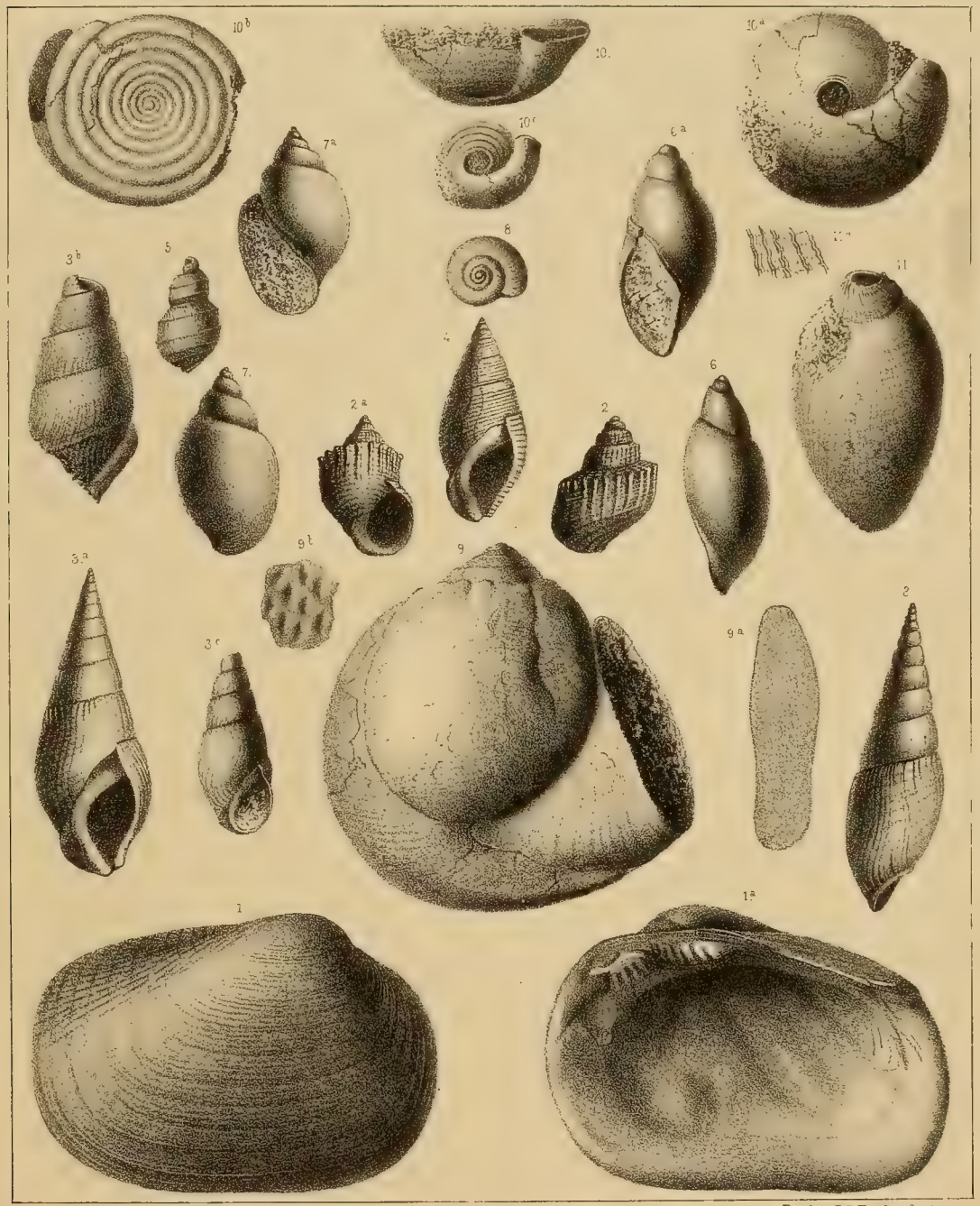
Gez u lith. v F. Schlotterbeck. C. W. Kreidel's Verlag in Wiesbaden. Druck v J. C. Henzler Stuttgart.

1. *Unio Menkei Dunk.*
2. *Cyrena Bronnii id.*
3. ——— *Heysei id.*
4. ——— *parvirostris A. Roem.*
5. ——— *majuscula id.*
6. ——— *caudata id.*
7. ——— *sublaevis id.*
8. *Cyrena Jugleri Dunk. sp.*
9. ——— *excarata Dunk. sp.*
10. *Gnathodon valdensis Dunk.*
11. *Pleurocerus strombiforme Schloth. sp.*
12. *Goniobasis rugosa Dunk. sp.*
13. ——— *attenuata J. Sow. sp.*
14. *Ptychostylus harpaeformis Dunk. sp.*
15. *Lioplax fluviorum Mant. sp.*
16. ——— *elongata Sow. sp.*
17. ——— *inflata Sandb.*
18. *Bythinia praecursor id.*
19. *Amnicola Roemeri Dunk. sp.*
20. *Hydrobia Hagenowii Dunk. sp.*
21. *Planorbis Jugleri id.*



Gez. u. lith. v. F. Schlüsterbeck. C. W. Kreidel's Verlag in Wiesbaden. Druck v. J. C. Henzler Stuttgart.

1. *Unio cretaceus Zittel*
2. *Cyrena solitaria id.*
3. *Melania Beyrichii Zekeli sp.*
4. ——— *granulato-cincta Stol.*
5. *Melanopsis punctata Stol.*
6. ——— *laevis id.*
7. *Paludomus Pichleri Hoern. var. spinosa.*
8. *id. typus.*
9. *id. var. nassaeformis*
10. *Dentalina [illegible] Stol.*
11. ——— *bi[illegible] id.*
12. *Strophostoma Reussii Stol. sp.*
13. *Cyrena cretacea Dresch.*

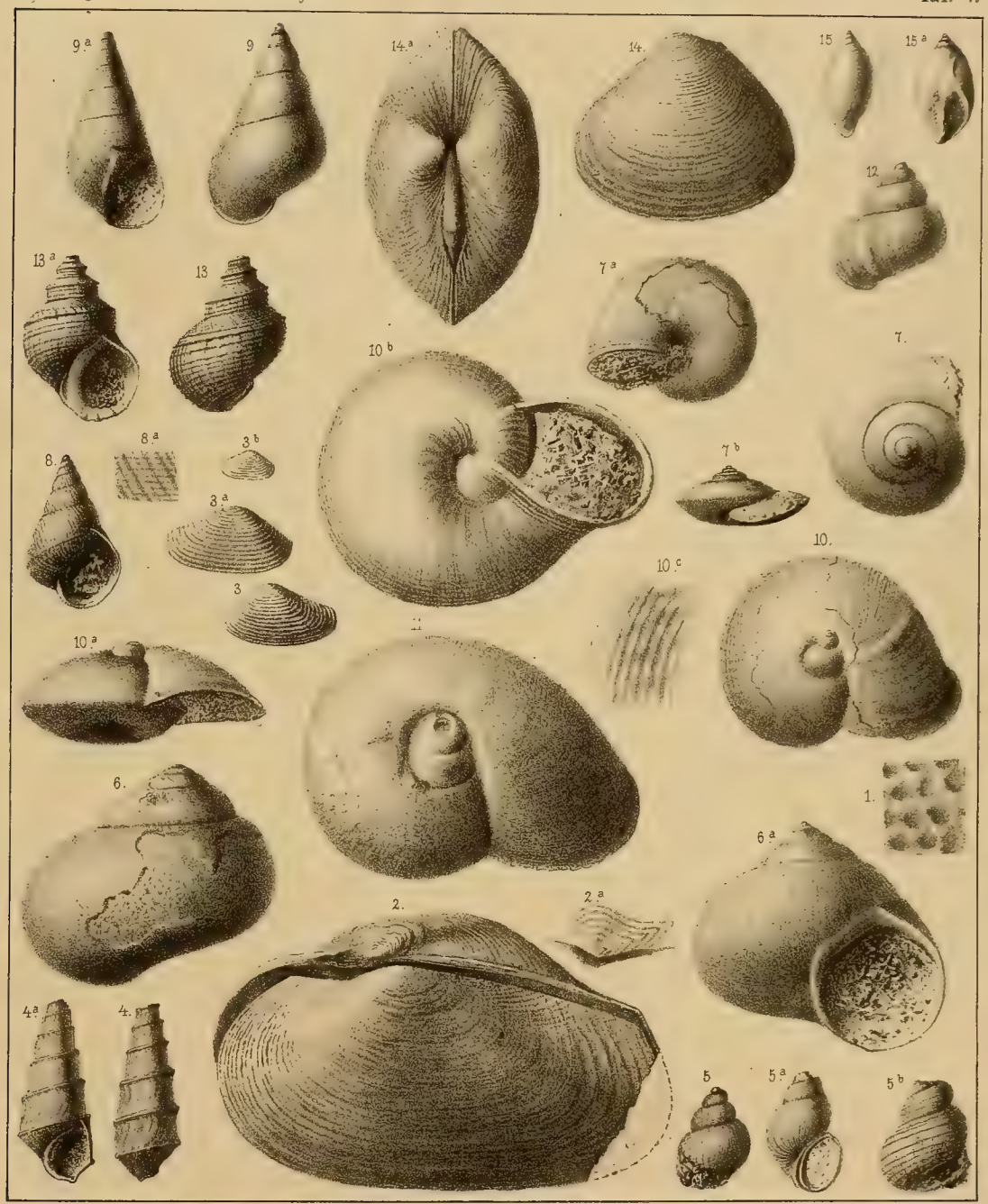


Gez. u. lith. v. F. Schlotterbeck

C. W. Kreidel's Verlag in Wiesbaden

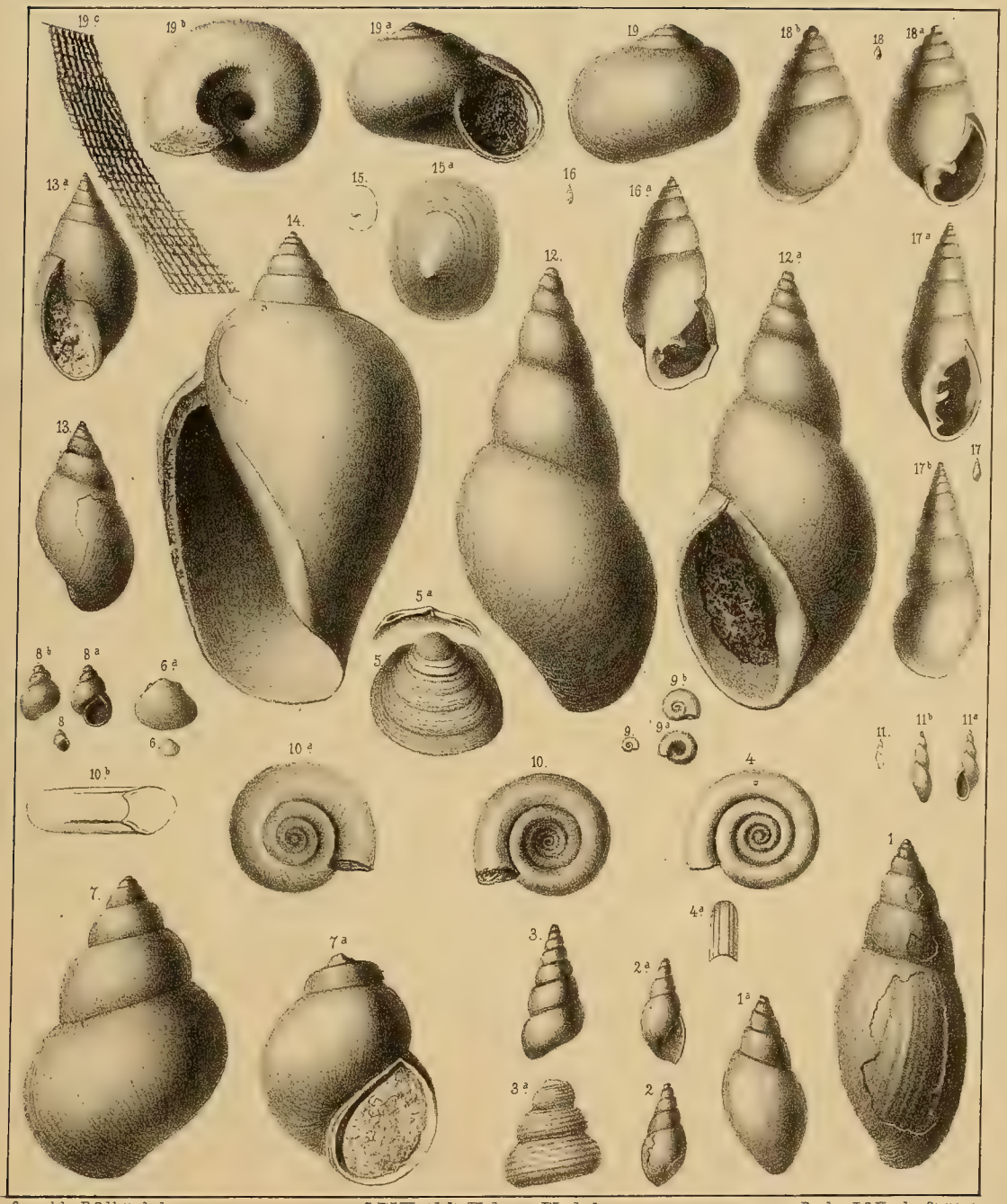
Druck v. J. C. Henzler Stuttgart

1. *Margaritana Toulouzani Mathéron sp.*
2. *Paludomus lyra id.*
3. *Melanopsis galloprovincialis id.*
4. ——— *Morticensis id.*
5. *Paludina novemcostata Mathéron*
6. *Physa Michaudii id.*
7. ——— *doliolum id.*
8. *Cyclotus primaevus Mathéron*
9. *Bulimus proboscideus id.*
10. *Anostomopsis rotellaris id.*
11. *Glandina affuvelensis id.*



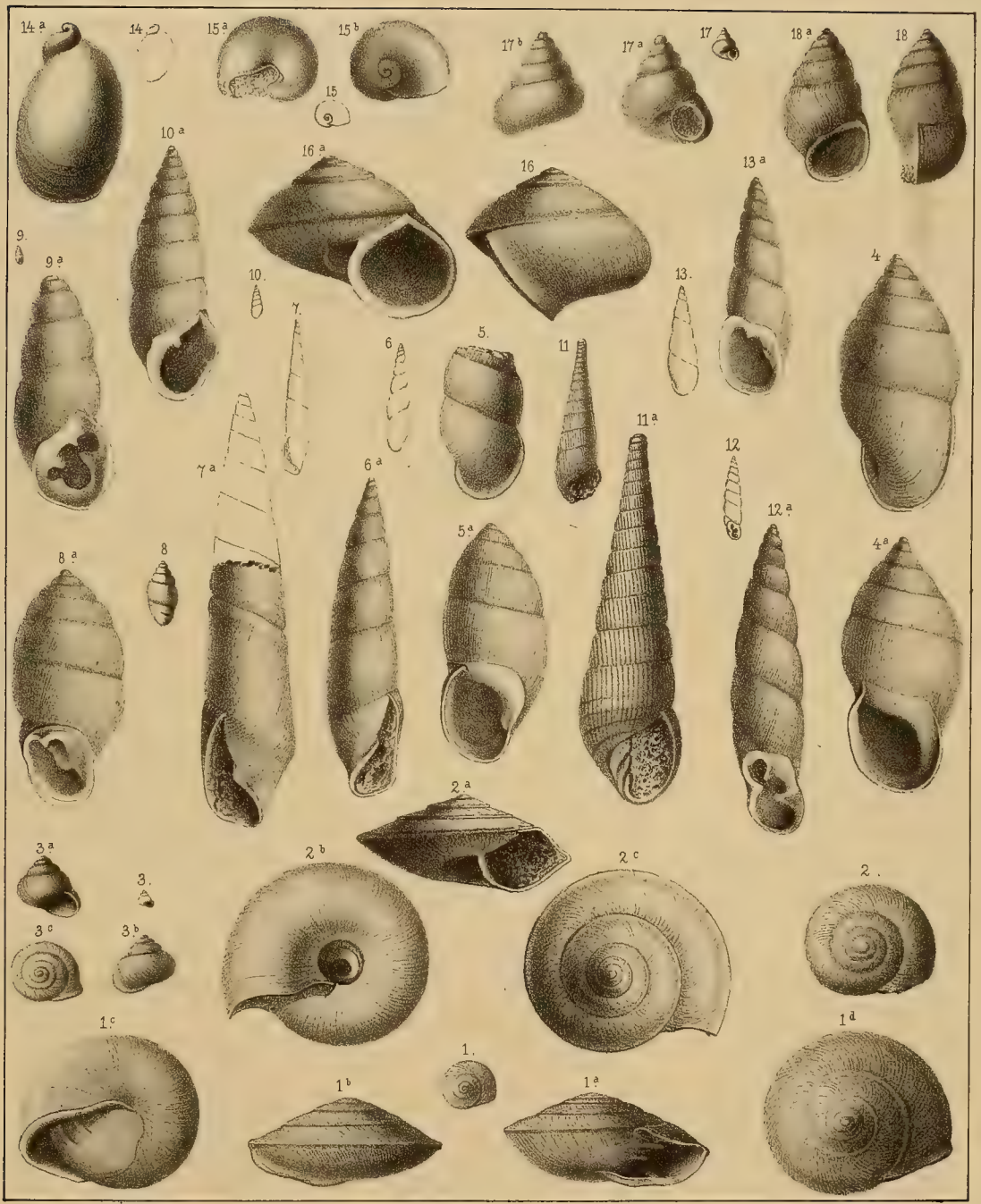
Gez. u. lith. v. F. Schlotterbeck. C. W. Kreidel's Verlag in Wiesbaden. Druck v. J. C. Henzler Stuttgart.

1. *Bulimus proboscideus Math.*
2. *Spatha galloprovincialis Math. sp.*
3. *Cyrena gardanensis Math. sp.*
4. *Melania nerineiformis Sandb.*
5. *Paludina subcingulata id.*
6. *Cyclophorus Luneli Math. sp.*
7. _____ *heliciformis id.*
8. *Leptopoma fuscostriatum Sandb.*
9. _____ *Baylei Math. sp.*
10. *Lychnus Matheroni Requien*
11. *Lychnus ellipticus Matheron.*
12. *Paludina Beaumontiana id.*
13. *Paludomus armatus Math. sp.*
14. *Cyrena garumnica Leym.*
15. *Melanopsis avellana Sandb.*



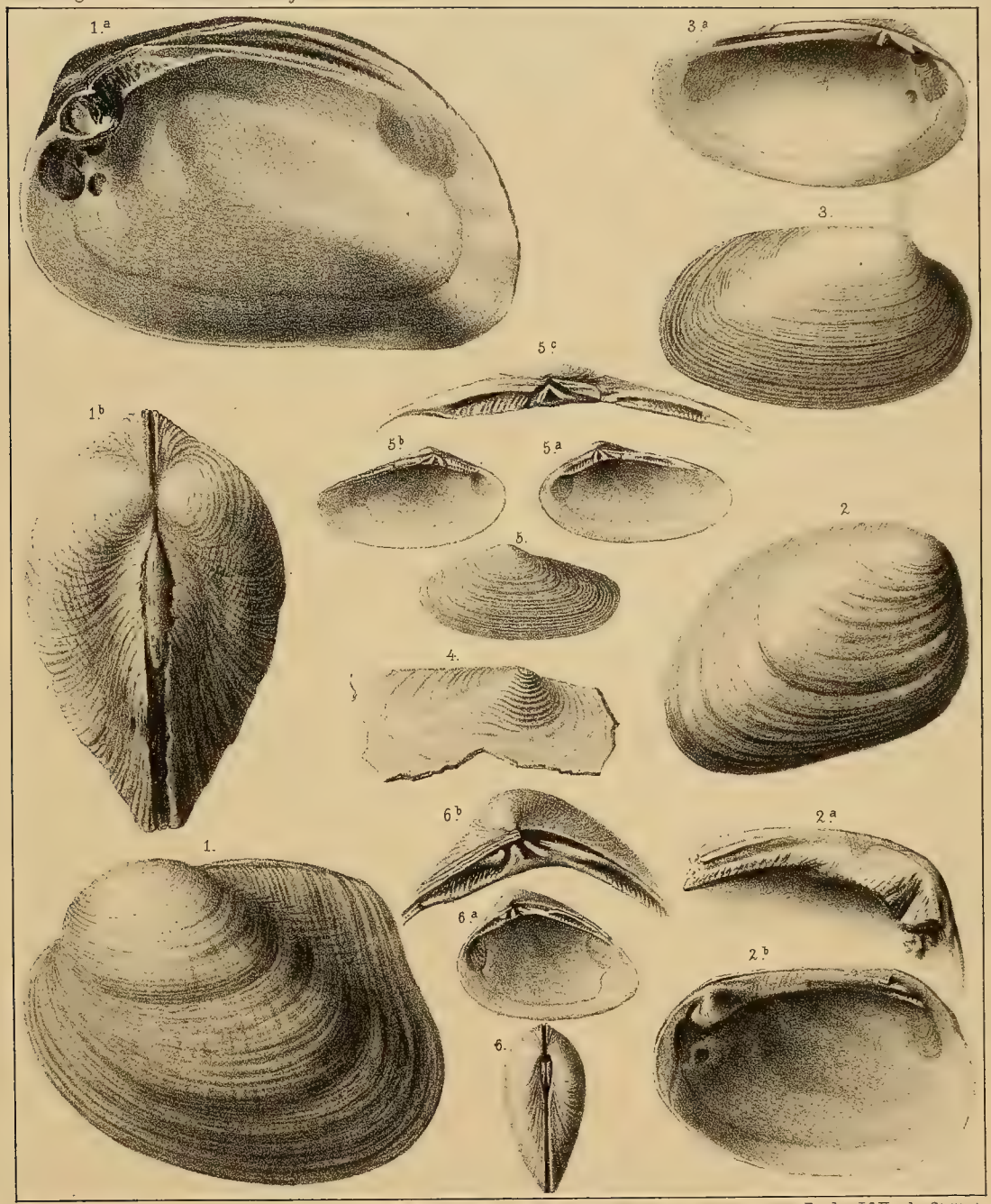
Gez. u lith. v. F. Schlotterbeck. C. W. Kreidel's Verlag in Wiesbaden. Druck v. J. C. Henzler, Stuttgart.

1. *Physa prisca Noulet*
2. *Limneus Rollandi id.*
3. *Megalomastoma Braunii Noulet sp.*
4. *Planorbis subcingulatus Math.*
5. *Sphaerium Verneuili Boissy sp.*
6. *——— rillyense Boissy sp.*
7. *Paludina aspersa Mich.*
8. *Amnicola Nystii Boissy sp.*
9. *Valvata Leopoldi Boissy.*
10. *Planorbis Boissyi Desh.*
11. *Physa parvissima Boissy.*
12. *——— gigantea Mich.*
13. *——— pseudogigantea Sandb.*
14. *Physa Prinsepii J. Sow.*
15. *Ancylus Matheroni Boissy.*
16. *Carychium Michelini Boissy sp.*
17. *——— Michaudi Boissy sp.*
18. *Ophicardelus remiensis Mich. sp.*
19. *Helix hemisphaerica id.*



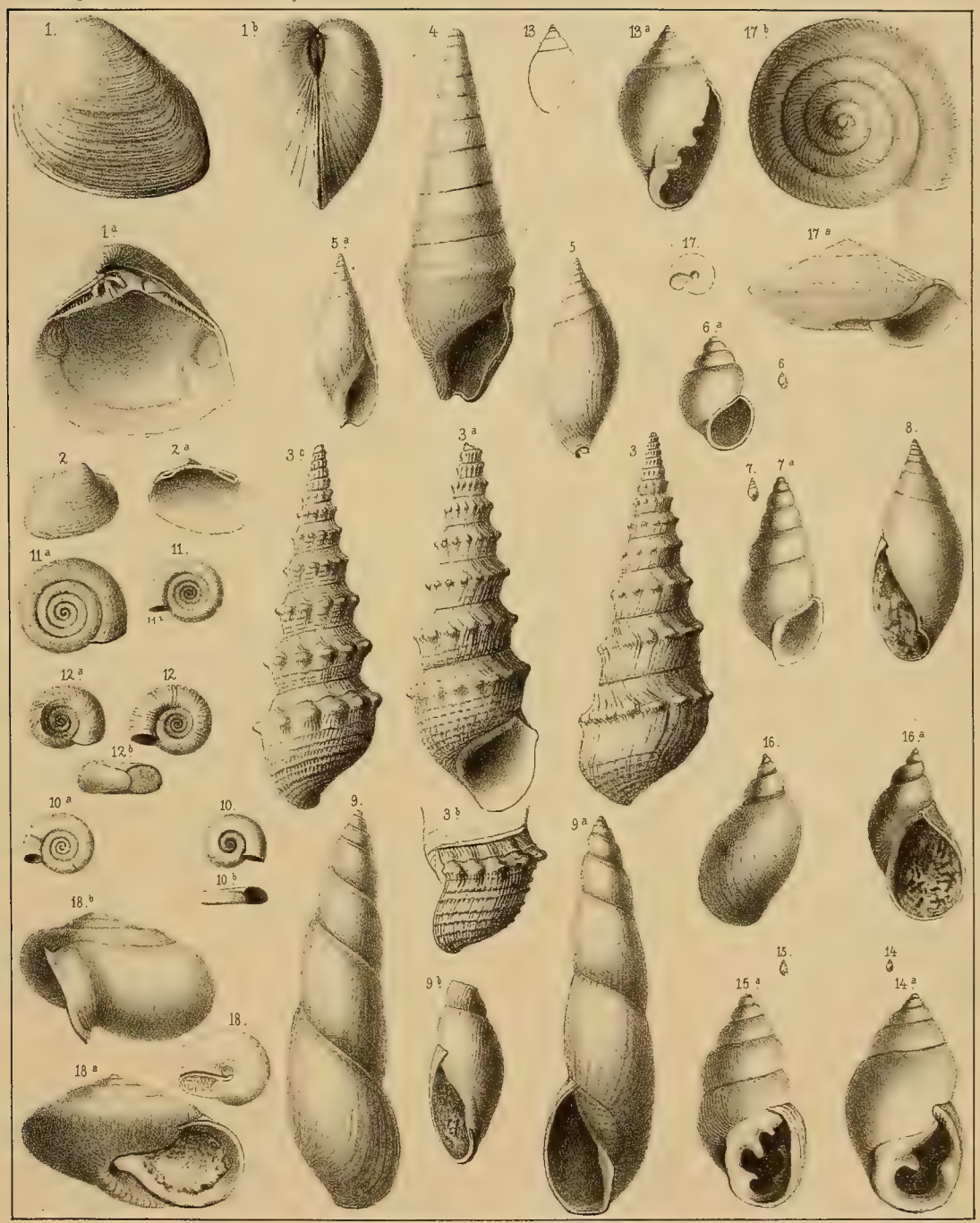
Gez u. lith. v. F. Schlotterbeck. C. W. Kreidel's Verlag in Wiesbaden. Druck v. J. C. Hanzler Stuttgart.

1. *Helix Arnouldi Mich.*
2. *Trochomorpha luna Mich. sp.*
3. *Helix Dumasi Boissy.*
4. *Amphidromus columellaris Boissy sp.*
5. *——— rillyensis Boissy sp.*
6. *Columna columnella Desh. sp.*
7. *Columna rillyensis Boissy sp.*
8. *Pupa sinuosa Boissy.*
9. *——— remiensis id.*
10. *——— inermis Desh.*
11. *Megaspira exarata Mich. sp.*
12. *Clausilia Edmondi Boissy.*
13. *Clausilia contorta Boissy.*
14. *Succinea Boissyi Desh.*
15. *Vitrina rillyensis Boissy.*
16. *Cyclophorus helicinaeformis Boissy sp.*
17. *Craspedopoma conoideum Boissy sp.*
18. *Megalomastoma Arnouldi Mich. sp.*



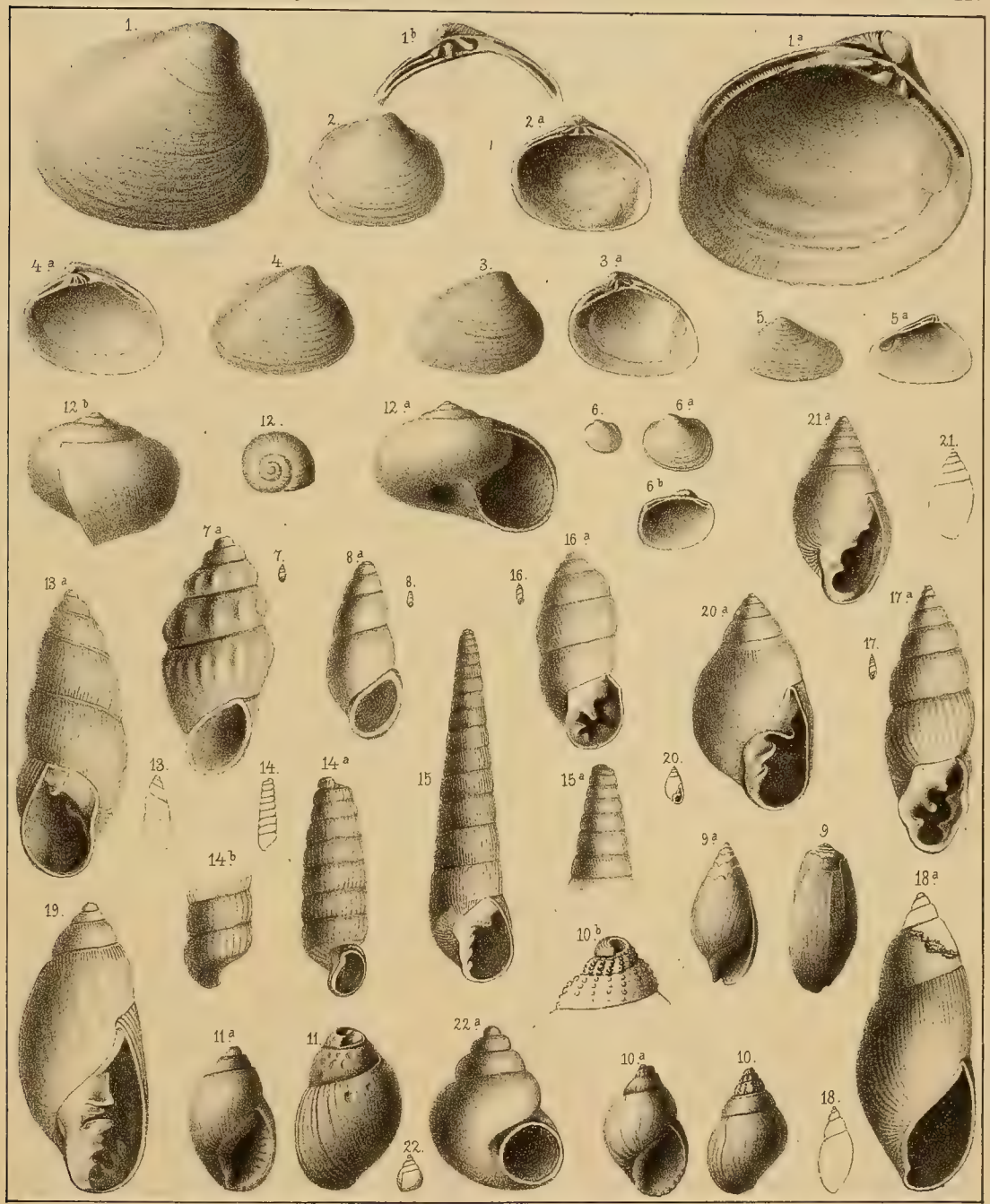
Gez. u. lith. v. F. Schlotterbeck. C. W. Kreidel's Verlag in Wiesbaden. Druck v. J. C. Henzler, Stuttgart.

1. *Unio Michaudi Desh.*
2. ___ *truncatosus Mich.*
3. *Unio Wateleti Desh.*
4. ___ *Wateleti Desh. (umbo.)*
5. *Cyrena tellinella Fér.*
6. ___ *cuneiformis id.*



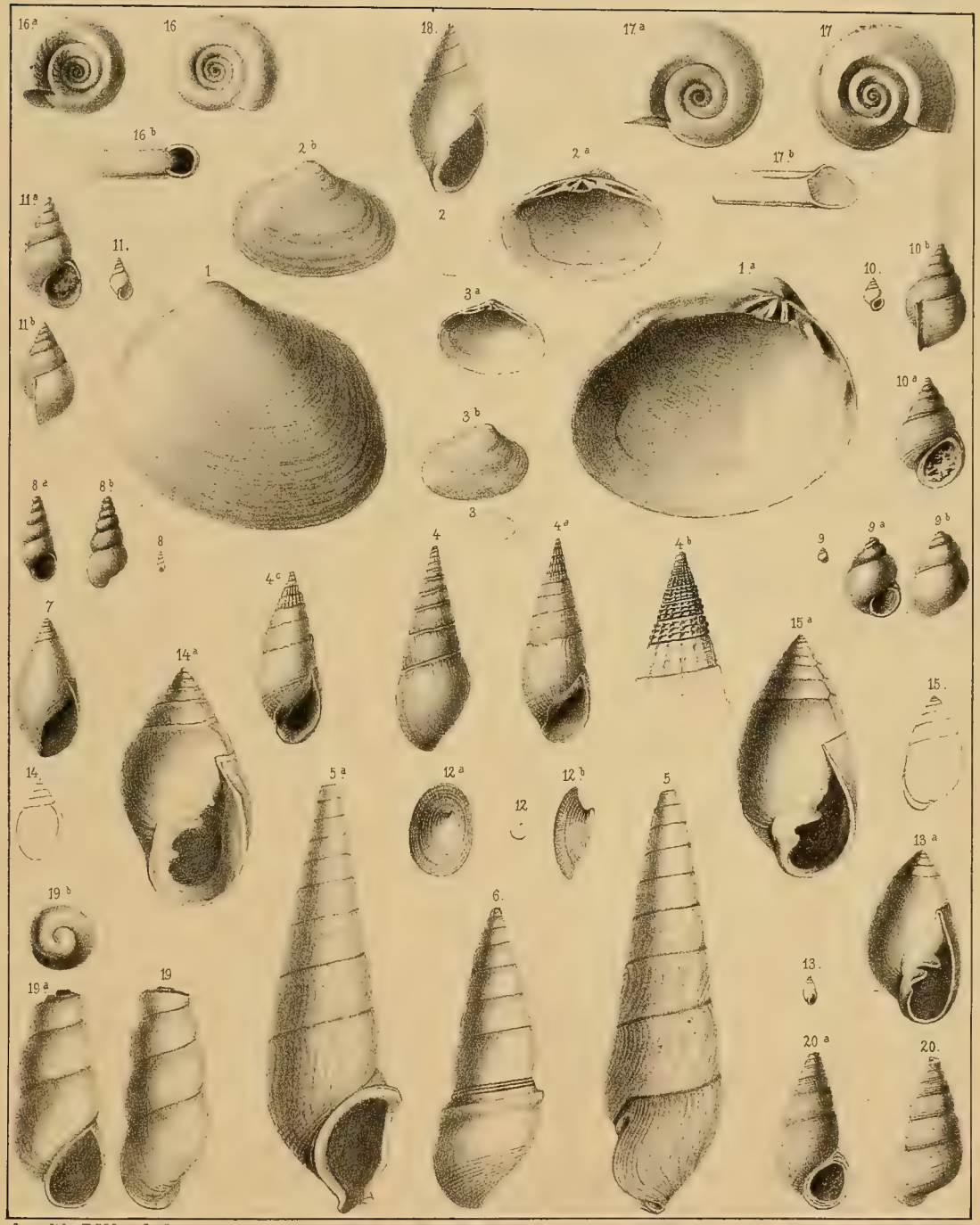
Gez. u. lith. v. F. Schlotterbeck. C. W. Kreidel's Verlag in Wiesbaden. Druck v. J. C. Hendler, Stuttgart.

1. *Cyrena antiqua Fér.*
2. *Pisidium laevigatum Desh.*
3. *Melania inquinata Defr.*
4. *Pirena Dutemplii Desh.*
5. *Melanopsis buccinoidea Fér.*
6. *Amnicola Parkinsoni Morr.*
7. *Hydrobia Websteri Morr.*
8. *Physa Lamberti Desh.*
9. ——— *columellaris id.*
10. *Planorbis hemistoma Sow.*
11. ——— *sparnacensis Desh.*
12. ——— *subovatus id.*
13. *Auricula Dutemplei Desh.*
14. *Carychium sparnacense id.*
15. *Pupa bigeminata id.*
16. *Succinea sparnacensis id.*
17. *Trochomorpha perelegans id.*
18. *Helix rara Boissy.*



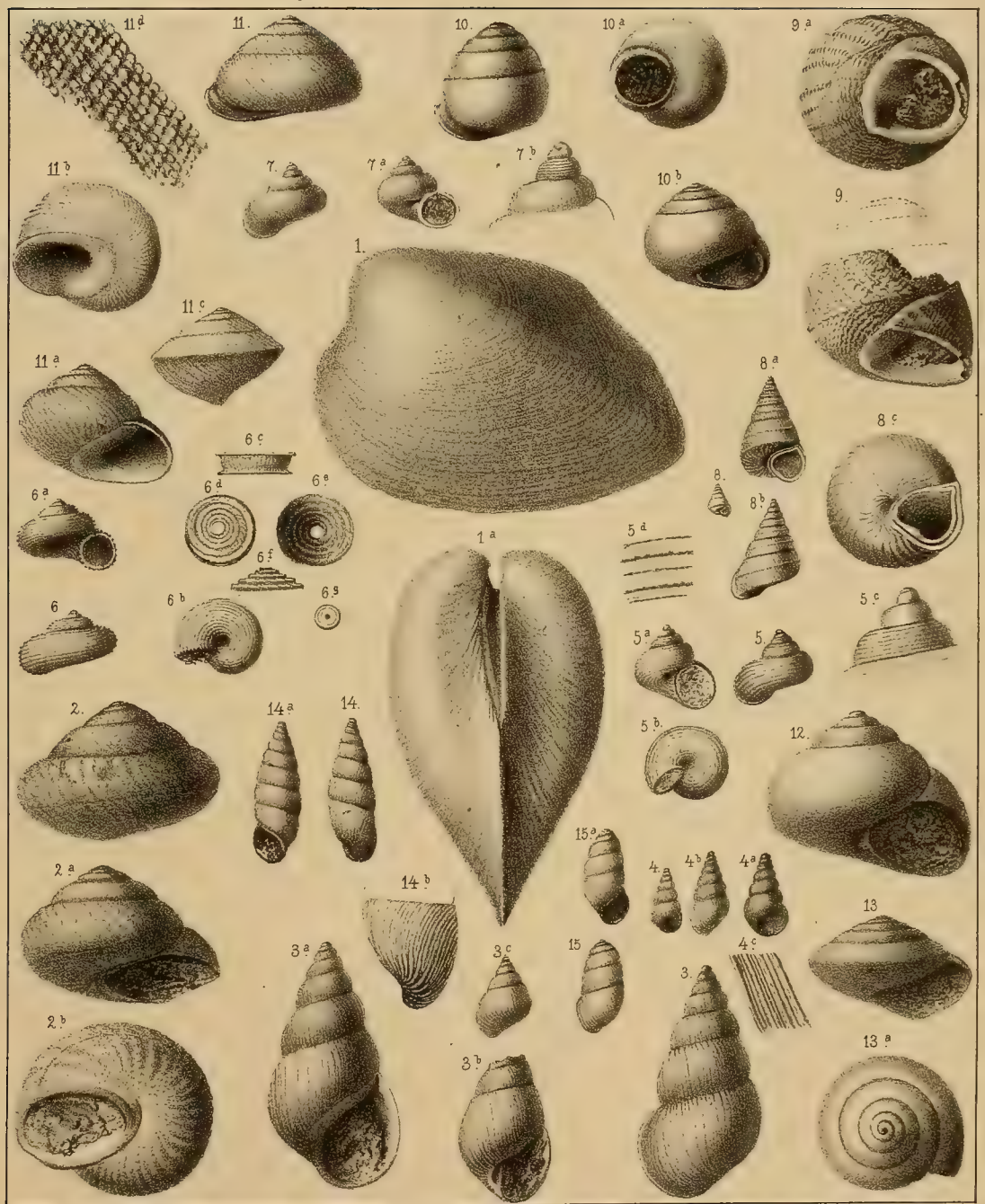
Gez. u. lith. v. F. Schlotterbeck. C. W. Kreidel's Verlag in Wiesbaden. Druck v. J. C. Henzler, Stuttgart.

1. Cyrena Gravesi Desh.
2. ——— subovalaris id.
3. ——— intermedia id.
4. ——— amygdalina id.
5. ——— acutangularis id.
6. Pisidium cardiolum id.
7. Nematura abnormis id.
8. Hydrobia cylindracea Desh.
9. Melanopsis ovularis id.
10. Conostylus Parkinsoni Desh. sp.
11. ——— obtusus Desh. sp.
12. Helix Rigaulti Desh.
13. Clausilia Jonchergensis id.
14. Cylindrella parisiensis id.
15. Megaspira elongata Desh.
16. Pupa interferens Desh.
17. ——— Dohrni id.
18. Glandina fragilis id.
19. Traliopsis dentiens Desh. sp.
20. Marinula Lorrei Desh. sp.
21. Auricula depressa Desh.
22. Craspedopoma insuetum Desh. sp.



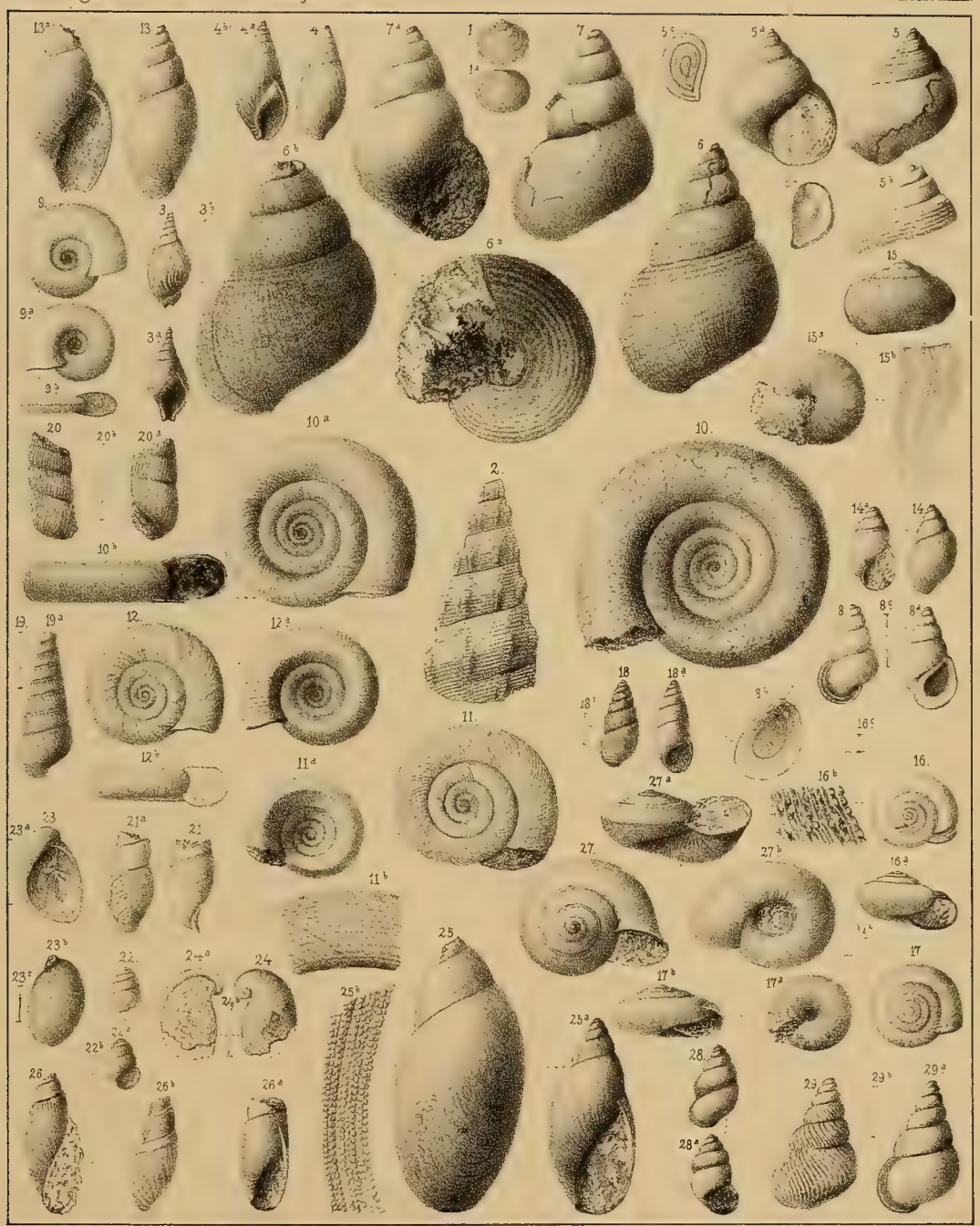
Gez. u. lith. v. F. Schlotterbeck. C. W. Kreidel's Verlag in Wiesbaden. Druck v. J. C. Henzler, Stuttgart.

1 *Cyrena compressa Desh.*
2 ——— *ovalina id.*
3 ——— *cycladiformis id.*
4 *Melania lactea Lam.*
5 *Pirena Lamarckii Desh.*
6 ——— *dispar id.*
7 *Melanopsis buccinulum id.*
8 *Hydrobia subulata Desh. sp.*
9 *Nematura globulus Desh. sp.*
10 *Euchilus Desmaresti Prév. sp.*
11 *Assiminea conica Prév. sp.*
12 *Ancylus Dutemplii Desh.*
13 *Marinula Marceauxet Desh. sp*
14 *Pythiopsis Lamarckii Desh. sp*
15 ——— *ovata Lam. sp.*
16 *Planorbis paciacensis Desh.*
17 ——— *subangulatus Lam.*
18 *Limneus Duchastelii Desh.*
19 *Truncatella antediluviana id.*
20 *Megalomastoma mumia Lam. sp.*



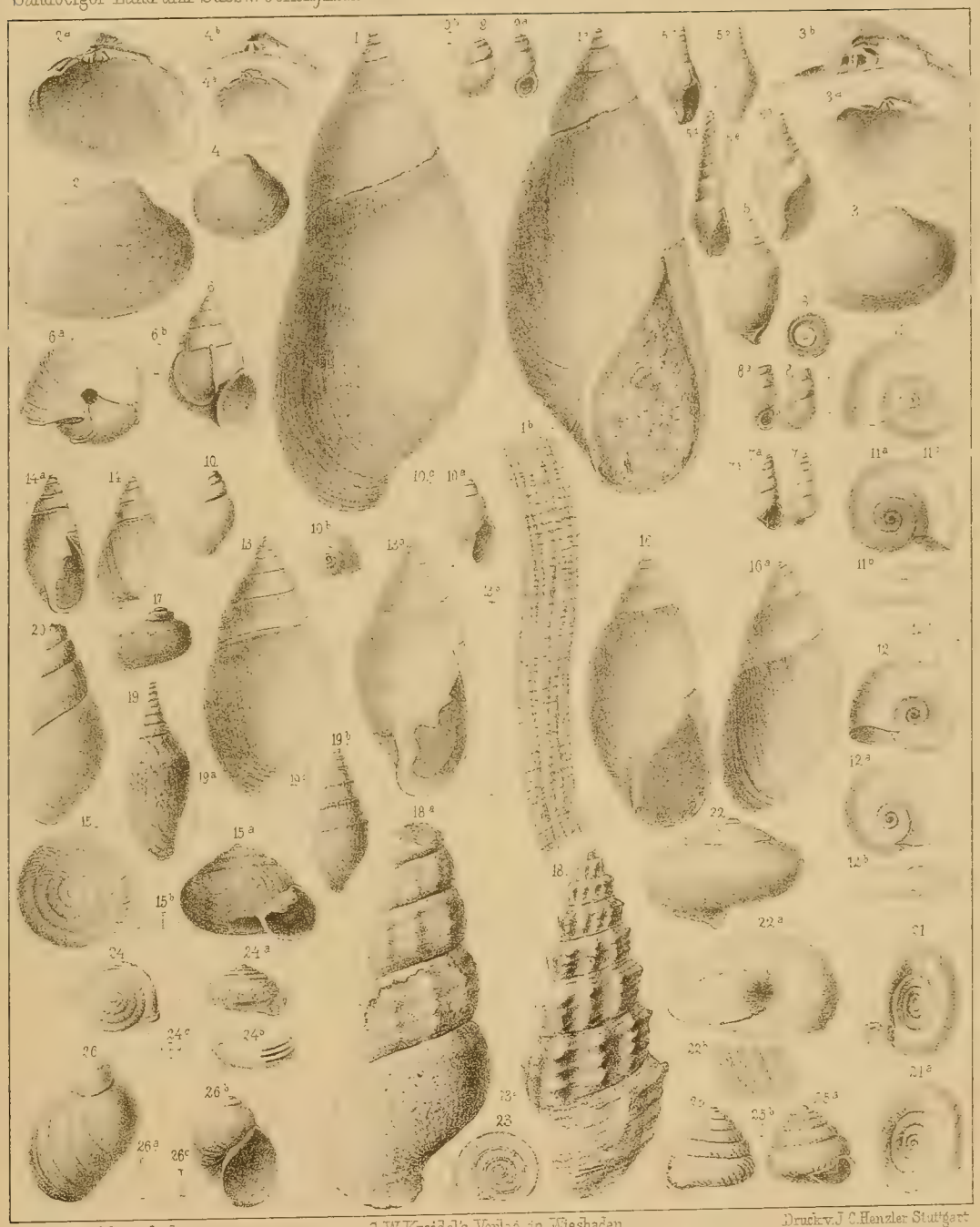
Gez. u. lith. v. F. Schlotterbeck. C. W. Kreidel's Verlag in Wiesbaden. Druck v. J. C. Henzler, Stuttg.

1. *Cyrena sirena Al. Brongn. sp.*
2. *Helix damnata Al. Brongn. sp.*
3. *Megalomastoma imbricatum Sandb.*
4. *Pomatias crassicosta id.*
5. *Cyclotus obtusicosta id.*
6. *Cyclotus exaratus Sandb.*
7. *____ laevigatus id.*
8. *Cardiostoma trochulus id.*
9. *Helix coriacea id.*
10. *____ hyperbolica id.*
11. *Helix radula Sandb.*
12. *____ declivis id.*
13. *____ biconvexa id.*
14. *Clausilia indifferens id.*
15. *Pupa simplex id.*



Gez. u. lith. v. F. Schlotterbeck. C. W. Kreidel's Verlag in Wiesbaden. Druck v. J. C. Henzler, Stuttgart

1. *Sphaerium castrense Noulet.*
2. *Melania lombersensis id.*
3. *Melanopsis proboscidea Desh.*
4. *_____ castrensis Noulet.*
5. *Paludina novigentiensis Desh.*
6. *_____ Hammeri Defr.*
7. *_____ Orbignyana Desh.*
8. *Euchilus Deschiensianum Desh. sp.*
9. *Planorbis Chertieri Desh.*
10. *_____ pseudammonius Voltz.*
11. *Planorbis Leymerieï Desh.*
12. *_____ castrensis Noulet*
13. *Limneus Michelini Desh*
14. *_____ olivula Rouis.*
15. *Helix occlusa F. Edw.*
16. *____ laxecostulata Sandb.*
17. *Hyalinia Voltzii Desh. sp.*
18. *Cionella formicina Rouis sp.*
19. *Clausilia crenata Sandb.*
20. *Clausilia densicostalata Sandb.*
21. *Pupa Fontenayi Rouis.*
22. *____ novigentiensis Sandb.*
23. *Succinea palliolum Rouis.*
24. *Parmacellina vitrinaeformis Sandb.*
25. *Glandina Cordieri Desh. sp.*
26. *Oleacina teres Rouis sp.*
27. *Strophostoma striatum Desh.*
28. *Megalomastoma turgidulum Rouis sp.*
29. *Pomatias Sandbergeri Noulet.*

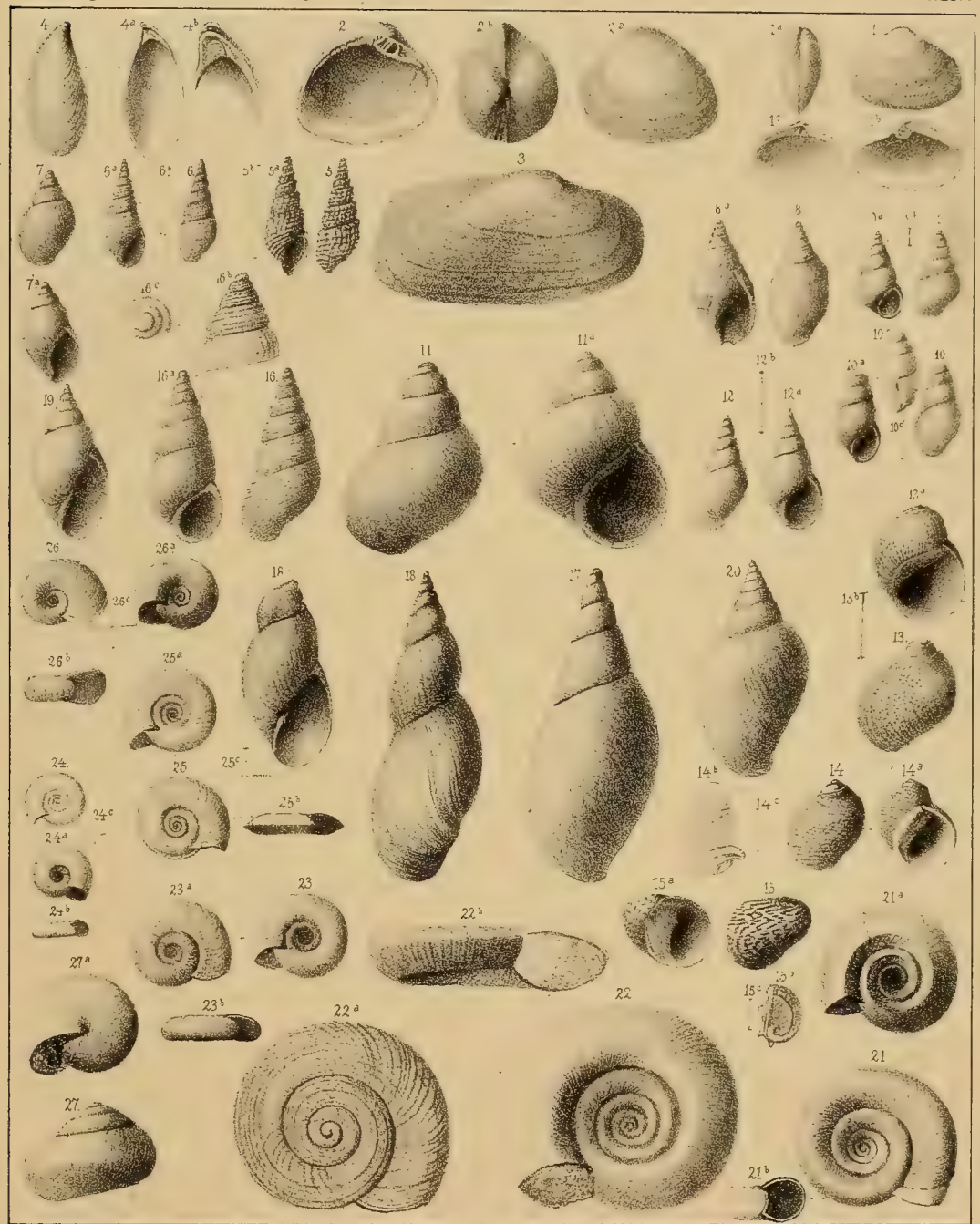


Gez. u. lith. v. F. Schlotterbeck. C. W. Kreidel's Verlag in Wiesbaden Druck v. J. C. Henzler Stuttgart

1. *Glandina Naudoti* Desh.
2. *Cyrena cornuta* id.
3. ——— *deneratta* Defr. sp.
4. ——— *crassa* Desh.
5. *Melanopsis proboscidea* id.
6. *Hydrobia tuba* Desh. sp.
7. ——— *subulata* Desh. sp.
8. [illegible] *microstoma* Desh. sp.
9. *Nematura* [illegible]

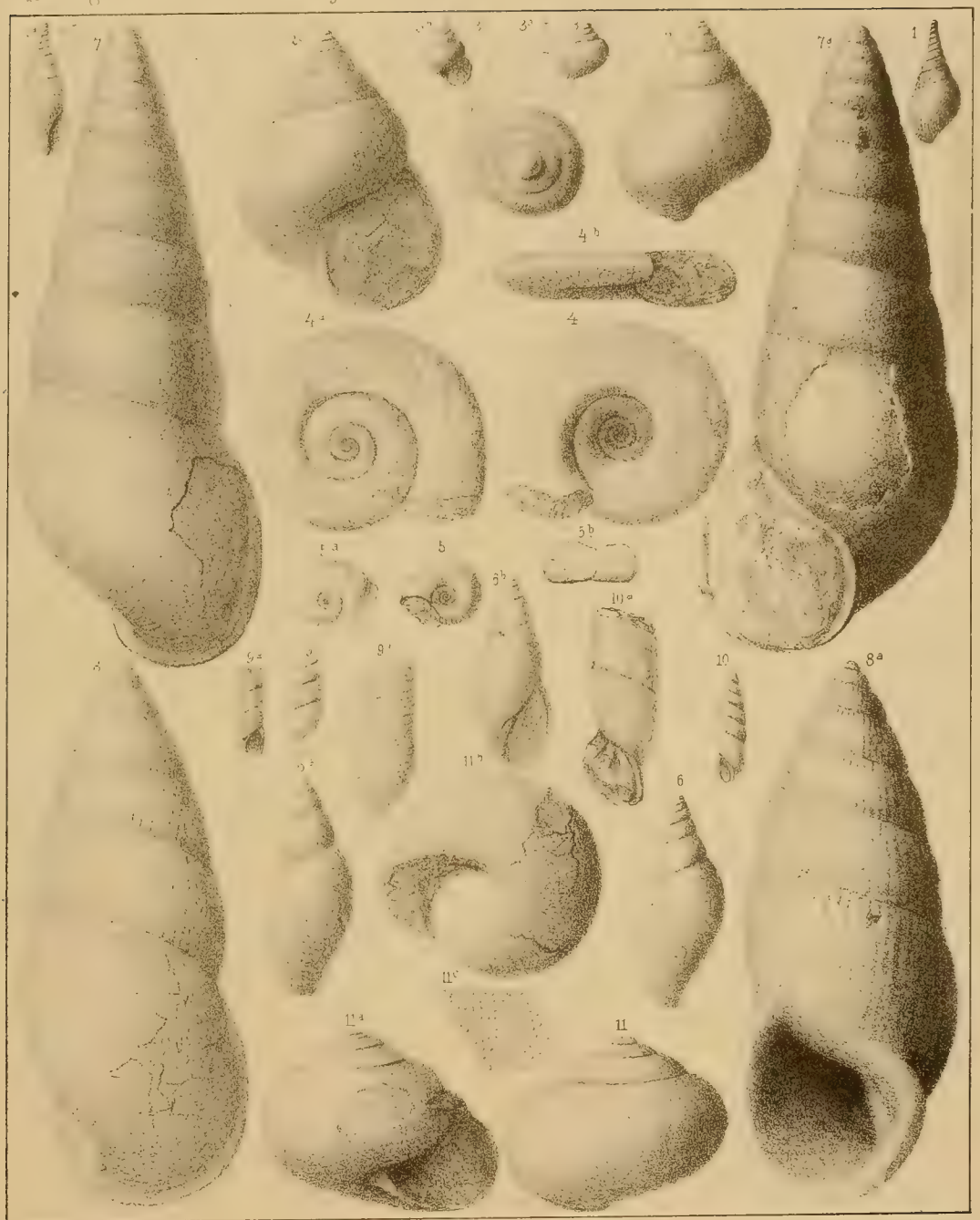
[illegible]
11. *Planorbis nitidul*[illegible]
12. ———
13. *Pythionsis nobi*[illegible]
14. *Melampus* [illegible]
15. *Helix monilia*

[illegible]*ania alpina* May



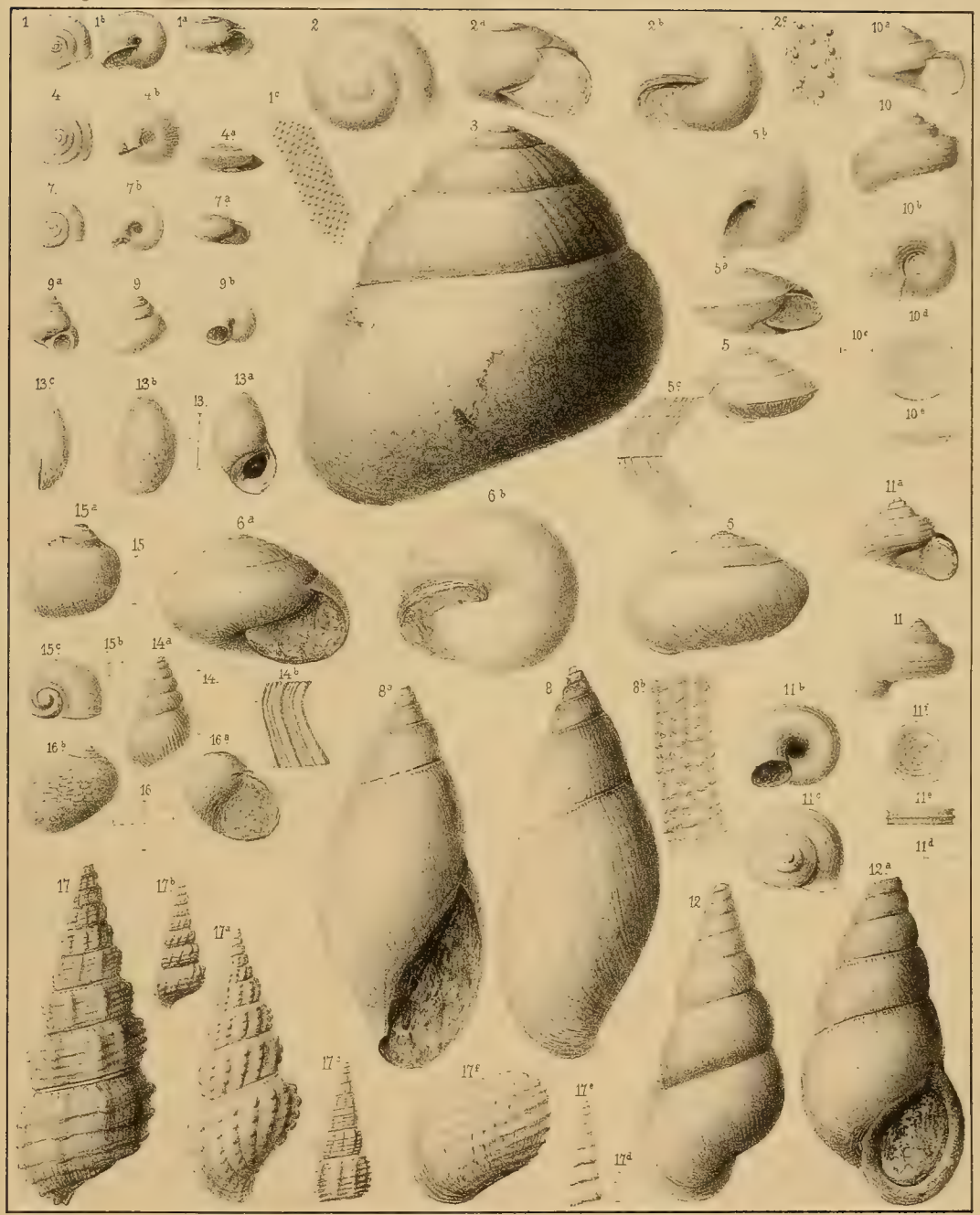
Gez u lith v F Schlotterbeck. C. W Kreidel's Verlag in Wiesbaden. Druck v. J. C. Heizler, Stuttgart

1 *Potamomya gregaria Sow*
2 *Cyrena obovata id.*
3 *Unio Solandri id.*
4 *Dreissenia unguicalis Sandb.*
5 *Melania muricata Wood.*
6 ——— *fasciata Sow.*
7 *Melanopsis brevis Sow. sp.*
8 ——— *subcarinata Sow*
9 *Hydrobia pyramidalis Desh. sp.*
10 *Nystia macrostoma Desh. sp.*
11 *Paludina lenta Sow*
12 *Assiminea conica Prév. sp.*
13 *Neritina concava Sow.*
14 ——— *planulata F. Edw.*
15 ——— *aperta Sow.*
16 *Megalomastoma mumia Lam. sp.*
17 *Limneus pyramidalis Brard*
18 ——— *longiscatus Brongn.*
19 *Limneus acuminatus Brard.*
20 ——— *caudatus F. Edw.*
21 *Planorbis goniobasis Sandb.*
22 ——— *euomphalus Sow.*
23 ——— *obtusus id.*
24 ——— *elegans F. Edw.*
25 ——— *lens Brongn.*
26 ——— *platystoma Wood*
27 *Helix occlusa F. Edw.*



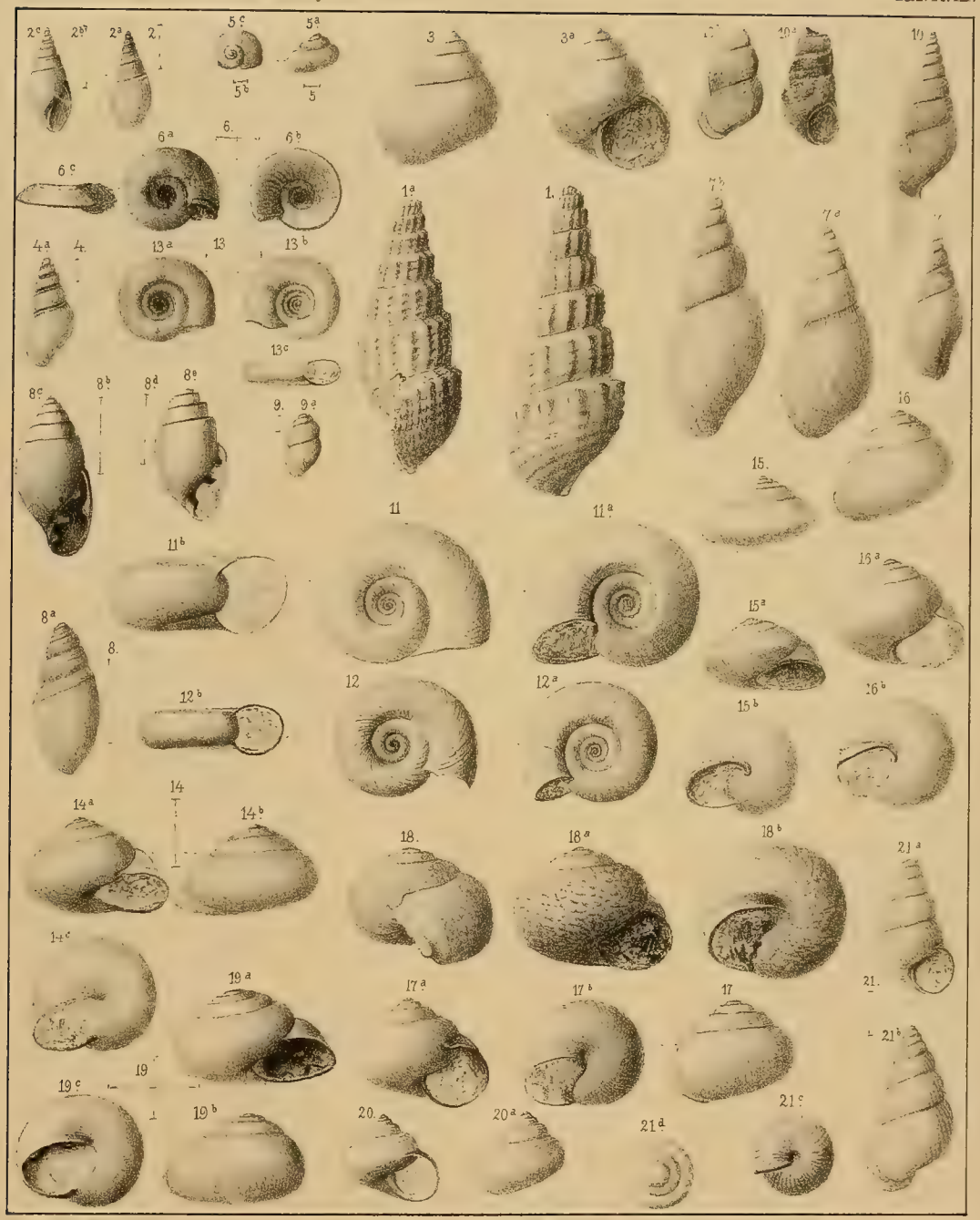
C. W. Kreidel's Verlag in Wiesbaden. Druck v. J. C. Henzler, Stuttgart

5. *Planorbis oligyratus* F. Edw.
6. *Limneus elongatus* M. de [illegible]
7. *Amphidromus laevolongus* [illegible]
8. *Amphidromus ellipticus* Sow. sp.
9. *Pupa perdentata* F. Edw.
10. *Clausilia striatula* [illegible]



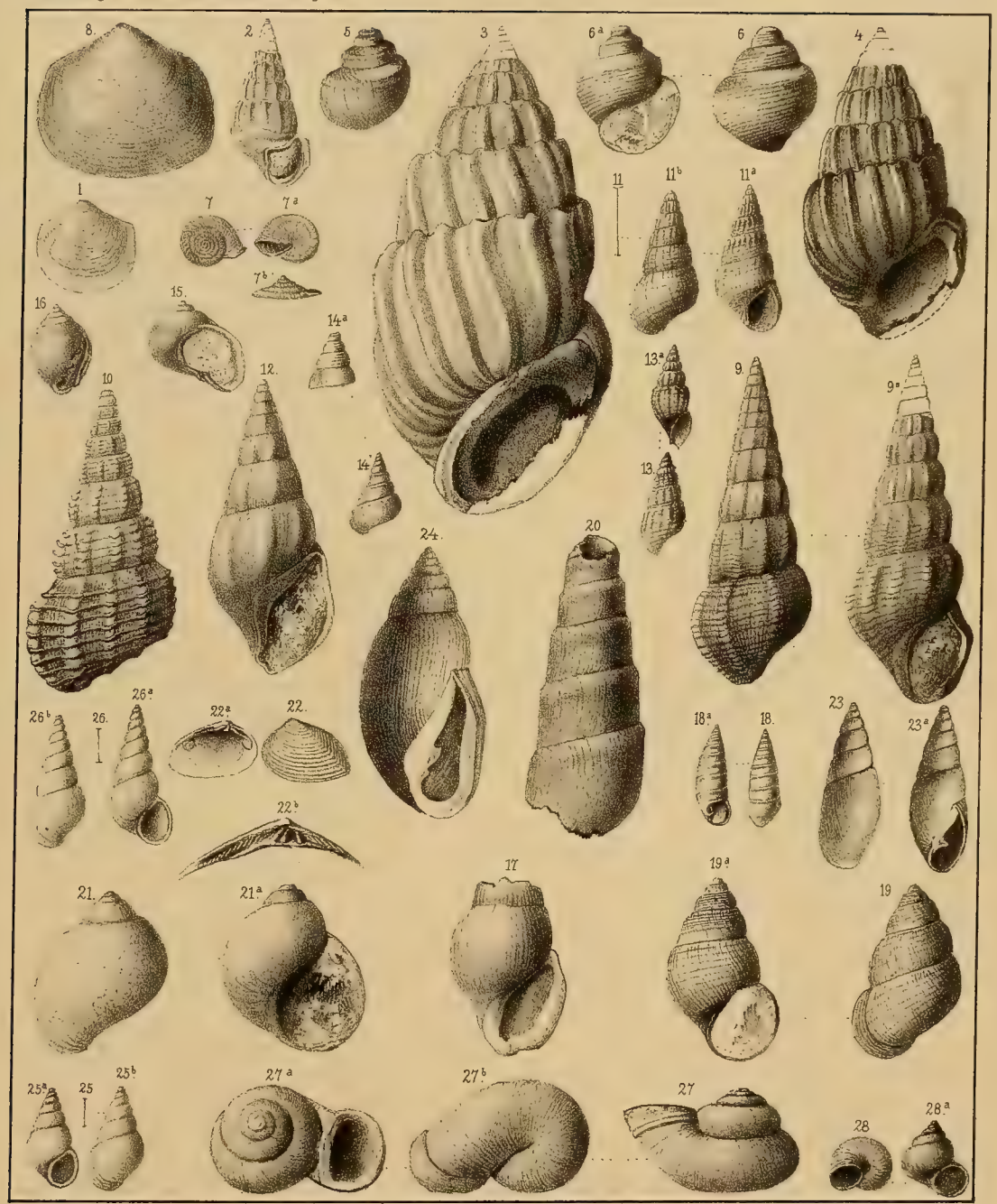
Gez. u. lith. v. F. Schlotterbeck. C. W. Kreidel's Verlag in Wiesbaden. Druck v. J. C. Henzler, Stuttgart

1. *Helix vectiensis F. Edw.*
2. ——— *olla M. de Serres*
3. ——— *globosa Sow.*
4. ——— *Vialaid Boissy.*
5. ——— *Coquandiana Mathéron.*
6. *Nanina intricata Noulet sp.*
7. *Hyalinia D'Urbani F. Edw.*
8. *Glandina costellata Sow. sp.*
9. *Craspedopoma egregium Noulet sp.*
10. *Cyclotus Coquandi Mathéron.*
11. ——— *vivictus F. Edw.*
12. *Megalomastoma formosum Boubée sp.*
13. *Callia laevis F. Edw. sp.*
14. *Pomatias lamellosus F. Edw. sp.*
15. *Neritina brevispira Sandb.*
16. ——— *lautricensis Noulet.*
17. *Melania Laurae Mathéron.*



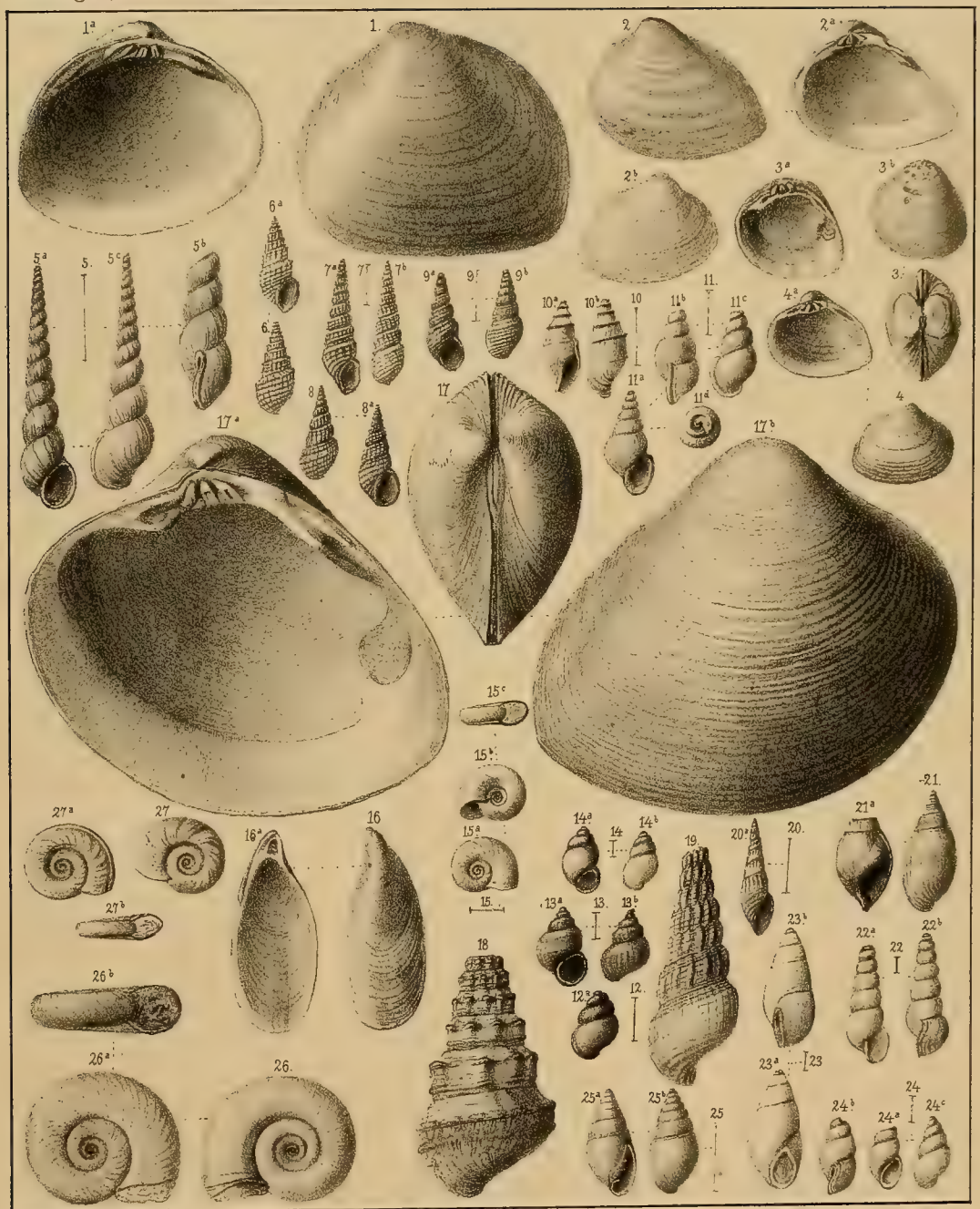
Gez u. lith. v. F. Schlotterbeck C. W. Kreidel's Verlag in Wiesbaden Druck v. J. C. Henzler, Stuttgart.

1. *Melania albigensis Noulet*
2. *Melanopsis mansiana id. var.*
3. *Paludina soricinensis id.*
4. *Hydrobia indifferens Sandb.*
5. *Valvata circinata Merian sp.*
6. *Planorbis patella Sandb.*
7. *Limneus marginatus id.*
8. *Melampus alsaticus Merian sp.*
9. *Nematura sp.*
10. *Megalomastoma Koechlinianum Mer. sp.*
11. *Planorbis crassus M. de Serres.*
12. ——— *cornu Brongn.*
13. ——— *spretus Noulet.*
14. *Helix cadurcensis id.*
15. *Heliæ Nicolavi Noulet*
16. ——— *Raulini id.*
17. ——— *comatula Sandb.*
18. ——— *corduensis Noulet*
19. ——— *adornata id.*
20. *Cyclostomus? cadurcensis Noulet sp.*
21. *Pomatias cieuracensis Noulet.*



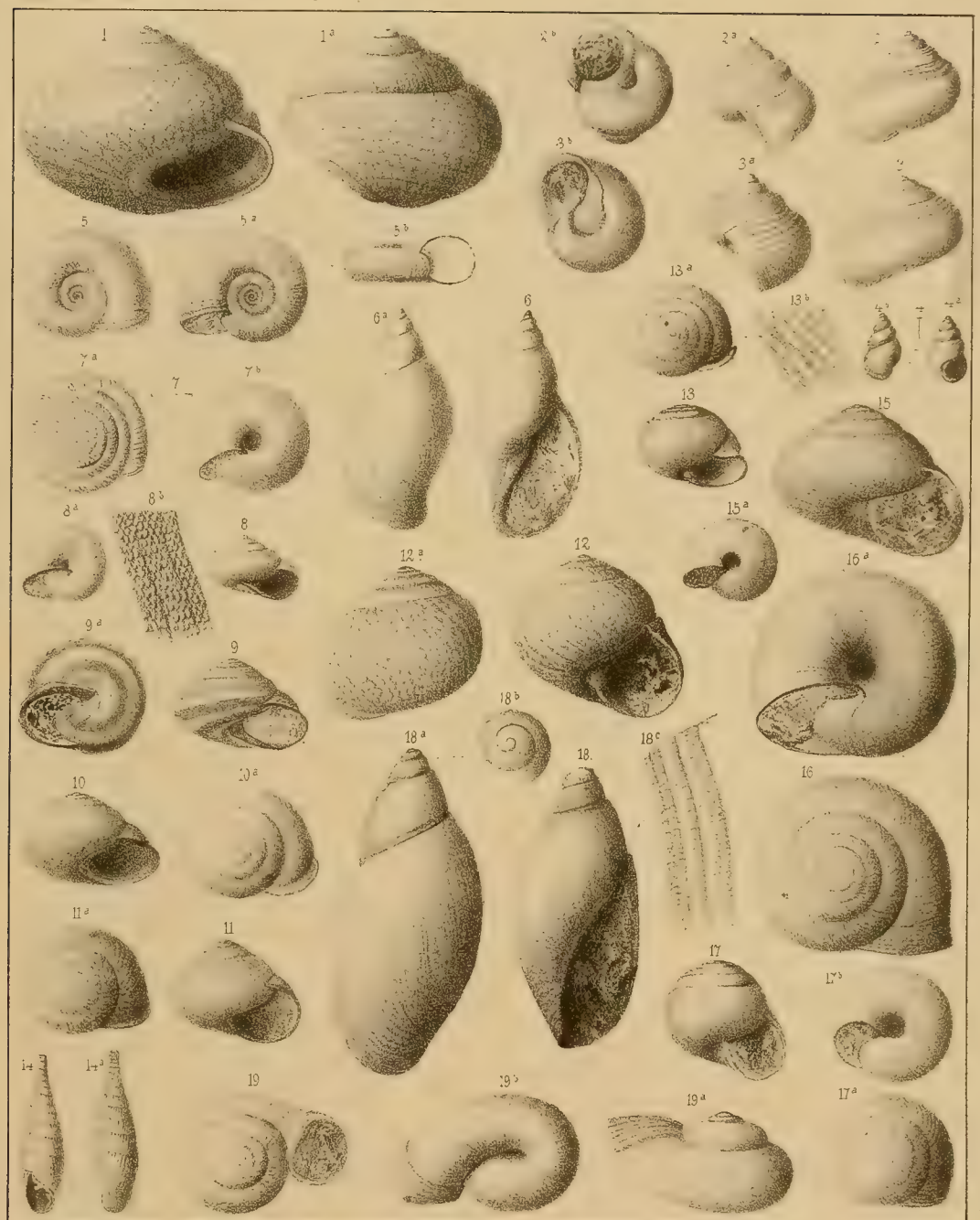
Gez u lith. v. F. Schlotterbeck. C. W. Kreidel's Verlag in Wiesbaden. Druck v. J. C. Hanzler, Stuttgart.

1 *Sphaerium cosinense Stache.*
2. *Melania tergestina id.*
3 *Stomatopsis crassicostata id.*
4 _____ *cosinensis id.*
5. *Paludomus bicinctus id.*
6 _____ *cosinensis id.*
7. *Helix anthraconphila id.*
8. *Cyrena suborbicularis Desh.*
9. *Melania ductrix Stache.*
10 *Melania asphaltica Stache.*
11 _____ *pisinensis id.*
12. *Melanopsis Jasonis id.*
13 _____ *absyrtidum id.*
14 *Hydrobia chararum id.*
15 *Limneus ottiformis id.*
16 *Melampus dalmatinus id*
17 *Pachyotus rasinensis id*
18 *Fascinella eocenica id.*
19. *Megalomastoma infranummuliticum id.*
20 *Pirena sp.*
21 *Bulimus salernensis Mathéron.*
22 *Cyrena Arnouldi Mich.*
23 *Stolidoma crassidens Desh.*
24 *Auricula aquitanica Sandb.*
25 *Hydrobia Dubuissonii Bouill. sp.*
26 _____ *Sandbergeri Desh. sp.*
27 *Stomostoma anomphalus Sandb.*
28 *Leptopoma inornatum id.*



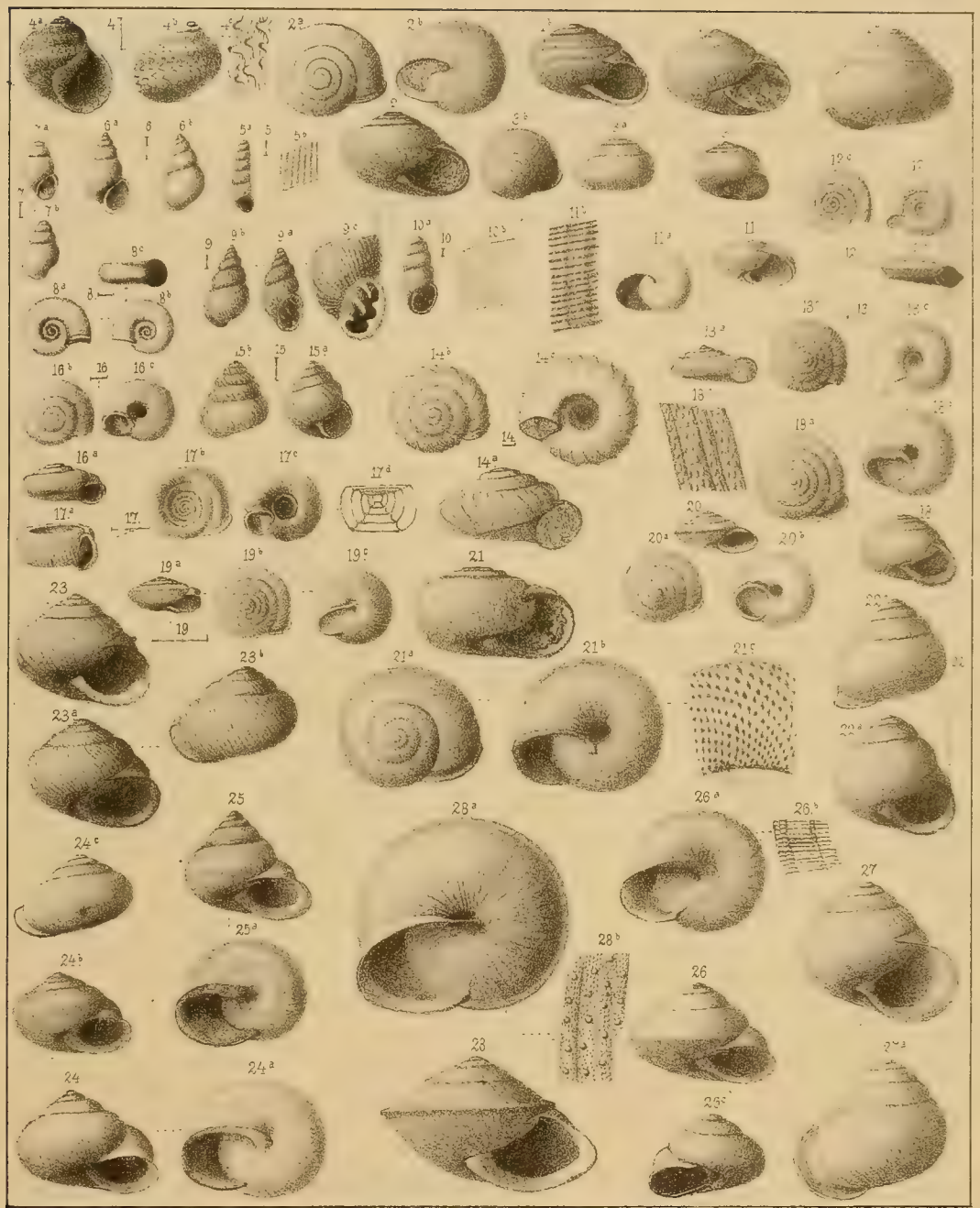
Gez. u lith. v. F. Schlotterbeck. C. W. Kreidel's Verlag in Wiesbaden. Druck v. J. C. Henzler, Stuttgart.

1. *Cyrena pulchra Sow.*
2. ——— *semistriata Desh.*
3. ——— *obtusa Forbes*
4. ——— *tenuistriata Dunker*
5. *Potamaclis turritissima Forbes sp.*
6. *Melania muricata Wood.*
7. ——— *spina Dunker*
8. ——— *Nystii Duchastel var.*
9. ——— ——— ——— *typus.*
10. *Melanopsis carinata Sow.*
11. *Enchilus Chastelii Nyst. sp.*
12. ——— *pupaniformis Sandb.*
13. *Amnicola angulifera Dunker.*
14. *Nematura pupa Nyst sp.*
15. *Planorbis depressus Nyst.*
16. *Dreissenia Basteroti Desh.*
17. *Cyrena Brongniarti Basterot.*
18. *Melania Escheri Merian var.*
19. *Melania Escheri Merian var.*
20. ——— *Mayeri Gümbel.*
21. *Melanopsis subulata Sandb.*
22. *Moitessieria acicula A. Braun sp.*
23. *Nematura lubricella A. Braun sp.*
24. *Nematurella flexilabris Sandb.*
25. *Alexia suturalis id.*
26. *Planorbis cornu Brongn. var*
27. ——— *amblytropis Sandb.*



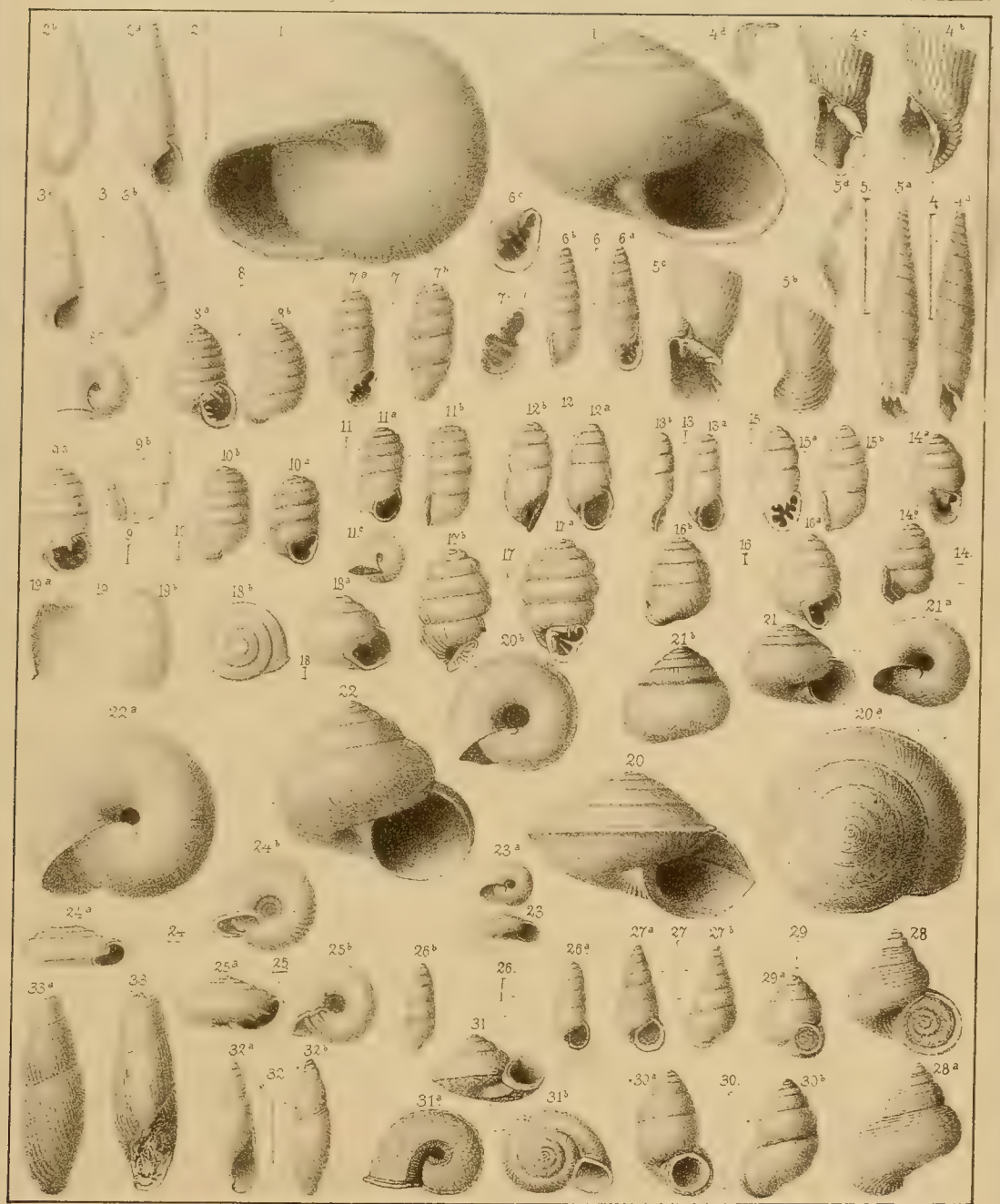
Gez. u. lith. v. F. Schlotterbeck. C. W. Kreidel's Verlag in Wiesbaden. Druck v. J. C. Henzler, Stuttgart.

1 *Helix Lucani Tournouer.*
2 *Otopoma triexaratum Mart. sp.*
3 ——— *divionense Mart. sp.*
4 *Euchilus gracile Sandb.*
5 *Planorbis subteres id.*
6 *Limneus subovatus Hartm.*
7 *Patula ggrorbis v. Klein sp.*
8 *Helix subapicalis Sandb.*
9 ——— *quadrifasciata id.*
10 ——— *crepidostoma id.*
11 ——— *rugulosa v. Martens.*
12 ——— *Ramondi Al. Brongn.*
13 ——— *brachystoma Sandb.*
14 *Clausilia antiqua Schübl.*
15 *Archaeozonites subangulosus Benz. sp.*
16 ——— *subverticillus Sandb.*
17 *Omphalosagda subrugulosa Quenst. id.*
18 *Glandina inflata Reuss*
19 *Strophostoma anomphalus Sandb. var.*



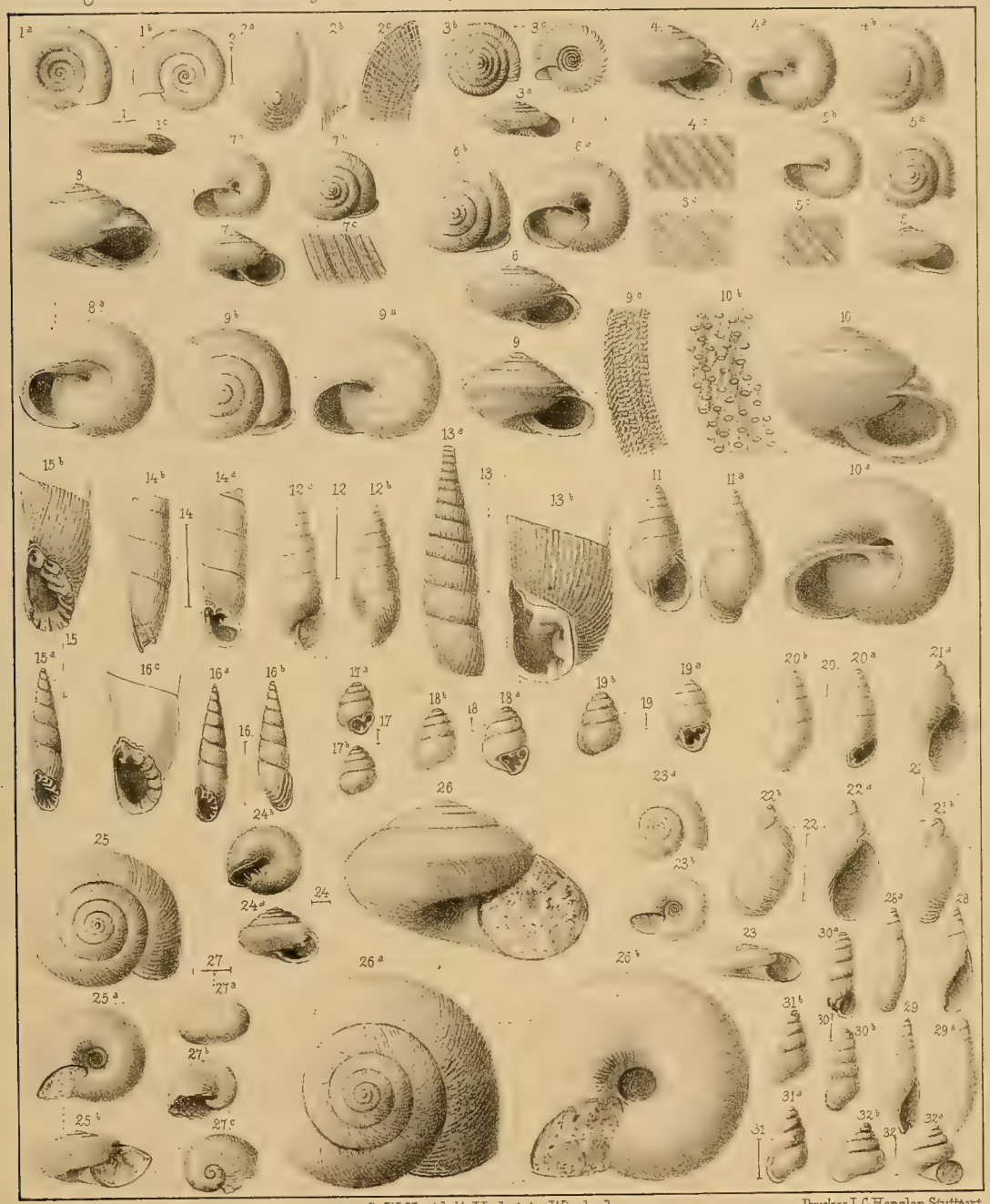
Gez. u. lith. v. F. Schlottarbeck. C. W. Kreidel's Verlag in Wiesbaden. Druck v. J. C. Henzler, Stuttgart.

1 *Helix Moroguesi Al. Brongn.*
2 ——— *girondica Noulet.*
3 ——— *luchardexensis id.*
4 *Neritina squamulifera Sandb.*
5 *Mottessieria microceras Braun sp.*
6 *Hydrobia obtusa Sandb.*
7 *Nematura gracilis Ludw.*
8 *Valvata gracilis Sandb.*
9 *Pupa Schwageri Reuss.*
10 *Carychium nanum Sandb.*
11 *Vitrina intermedia Reuss.*
12 *Patula disculus A. Braun sp.*
13 ——— *multicostata Thomae sp.*
14 ——— *nana A. Braun sp.*
15 ——— *paludinaeformis A. Braun sp.*
16 *Helix Sandbergeri Desh.*
17 ——— *involuta Thomae*
18 ——— *osculum id.*
19 ——— *phacodes id.*
20 *Helix sublenticula Sandb.*
21 ——— *lepidotricha A. Braun.*
22 ——— *colorata id.*
23 ——— *subsulcosa Thomae.*
24 ——— *deflexa A. Braun.*
25 ——— *hortulana Thomae.*
26 ——— *oxystoma id.*
27 ——— *expansilabris Sandb.*
28 ——— *Rahtii A. Braun.*



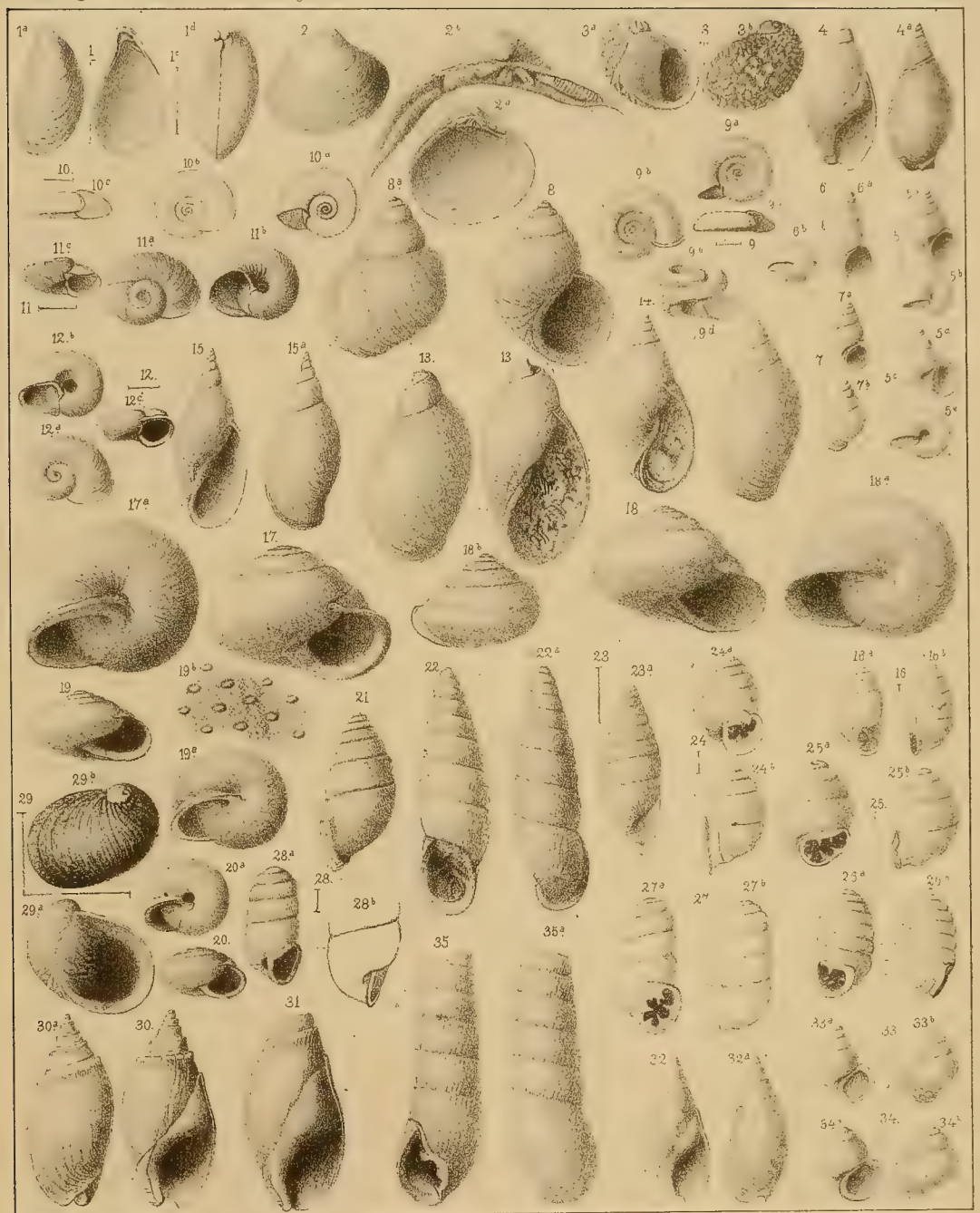
Gez. u lith v F Schlotterbeck. C. W Kreidel's Verlag in Wiesbaden. Druck v. J. C Henzler, Stuttgart.

1 *Helix pomiformis* A Braun.
2 *Bulimus gracilis* Thomae
3 *Cionella lubricella* A. Braun sp
4 *Clausilia articulata* Sandb.
5 ——— *rhombostoma* Böttg.
6 *Pupa subvariabilis* Sandb
7 ——— *cylindrella* A Braun
8 ——— *subconica* Sandb.
9 ——— *quadrigranata* A. Braun
10 ——— *impressa* Sandb
11 ——— *cryptodus* Braun.
12 *Pupa lineolata* Braun
13 ——— *subtilissima* id.
14 ——— *lamellidens* Sandb.
15 ——— *didymodus* Braun
16 ——— *trigonostoma* id
17 ——— *tiarula* id.
18 ——— *microhelix* Sandb
19 *Testacella* sp. (juv.)
20 *Trochomorpha imbricata* Braun sp.
21 *Omphalosagda Goldfussii* Thom. sp.
22 *Hyalinia stenotrypia* Braun sp.
23 *Hyalinia impressa* Sandb.
24 *Strobilus uniplicatus* Braun sp.
25 ——— *dinyx* Böttg sp
26 *Acicula filifera* Sandb
27 *Pomatias labellum* Thomae sp.
28 *Cyclostomus antiquus* Lam. sp.
29 *Craspedopoma utriculosum* Sandb.
30 *Megalomastoma pupa* Braun sp.
31 *Strophostoma tricarinatum* Braun.
32 *Oleacina Sandbergeri* Thomae sp.
33 *Glandina rugulosa* Sandb.



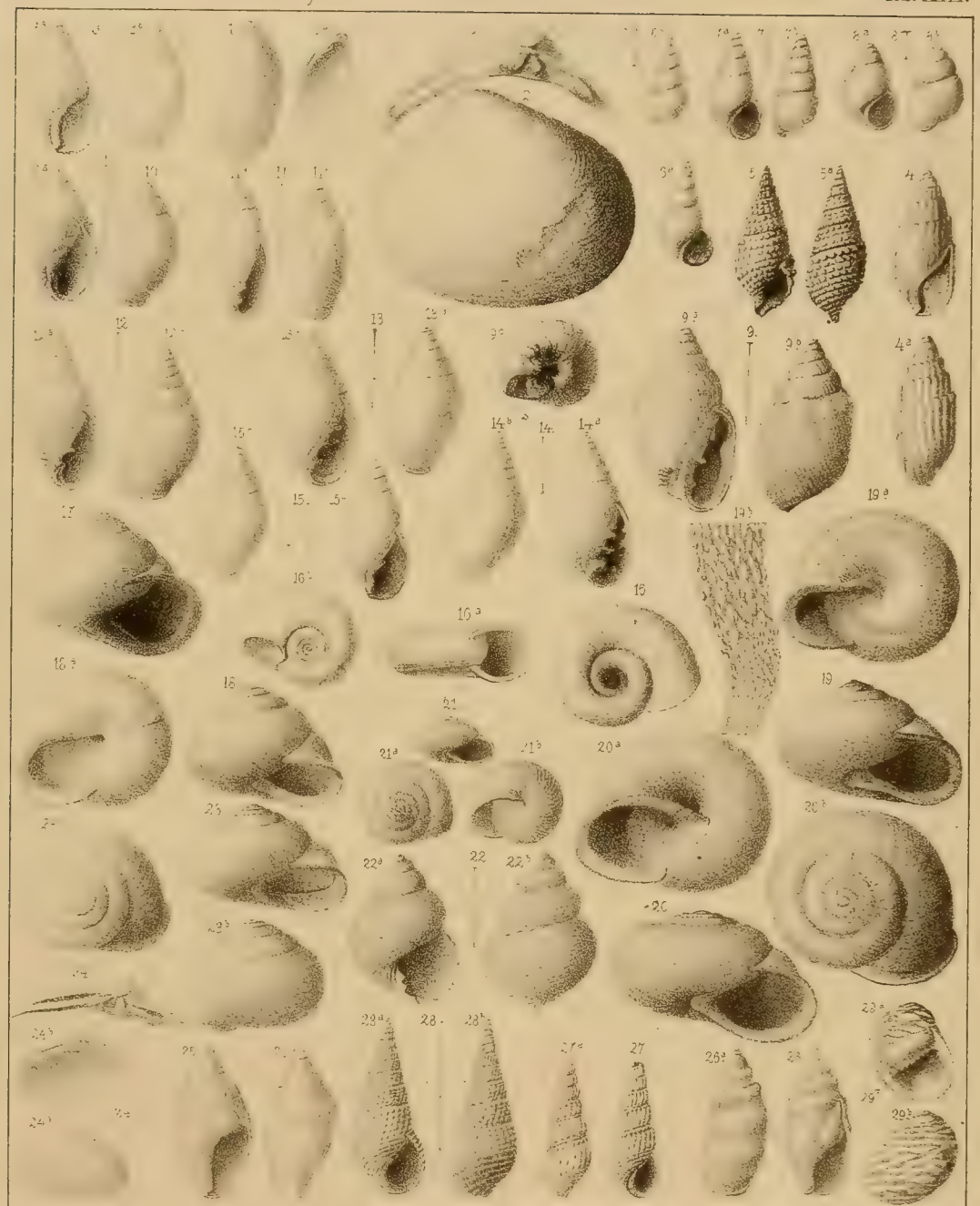
Graz u. Heft v. F. Schlotterbeck C. W. Kreidel's Verlag in Wiesbaden. Druck v. J. C. Henzler, Stuttgart.

1 *Planorbis Ungeri Reuss*
2 *Ancylus decussatus id.*
3 *Patula plicatella Reuss sp.*
4 *Helix Kinnei Reuss*
5 ——— *dexexa id.*
6 ——— *homalospira id.*
7 ——— *apicalis id.*
8 ——— *bohemica Böttg.*
9 ——— *obtusecarinata Sandb.*
10 ——— *robusta Reuss.*
11 *Bulimus complanatus id.*
12 *Bulimus filocinctus Reuss*
13 *Clausilia vulgata id.*
14 ——— *tenuisculpta id.*
15 ——— *amphiodon id.*
16 ——— *polyodon id.*
17 *Pupa microstoma id.*
18 ——— *flexidens id.*
19 ——— *callosa id.*
20 *Axeca monocraspedon Slavic.*
21 *Succinea affinis Reuss.*
22 *Succinea peregrina Sandb.*
23 *Hyalinia denudata Reuss.*
24 *Strobila clasmodonta Reuss. sp.*
25 *Archaeozonites semilanus Reuss sp.*
26 ——— *Haidingeri Reuss sp.*
27 *Vitrina intermedia Reuss.*
28 *Oleacina Sandbergeri Thomae sp.*
29 ——— *producta Reuss sp.*
30 *Acicula limbata Reuss.*
31 *Pomatias Rubeschi id.*
32 *Craspedopoma leptopomoides Reuss. sp.*



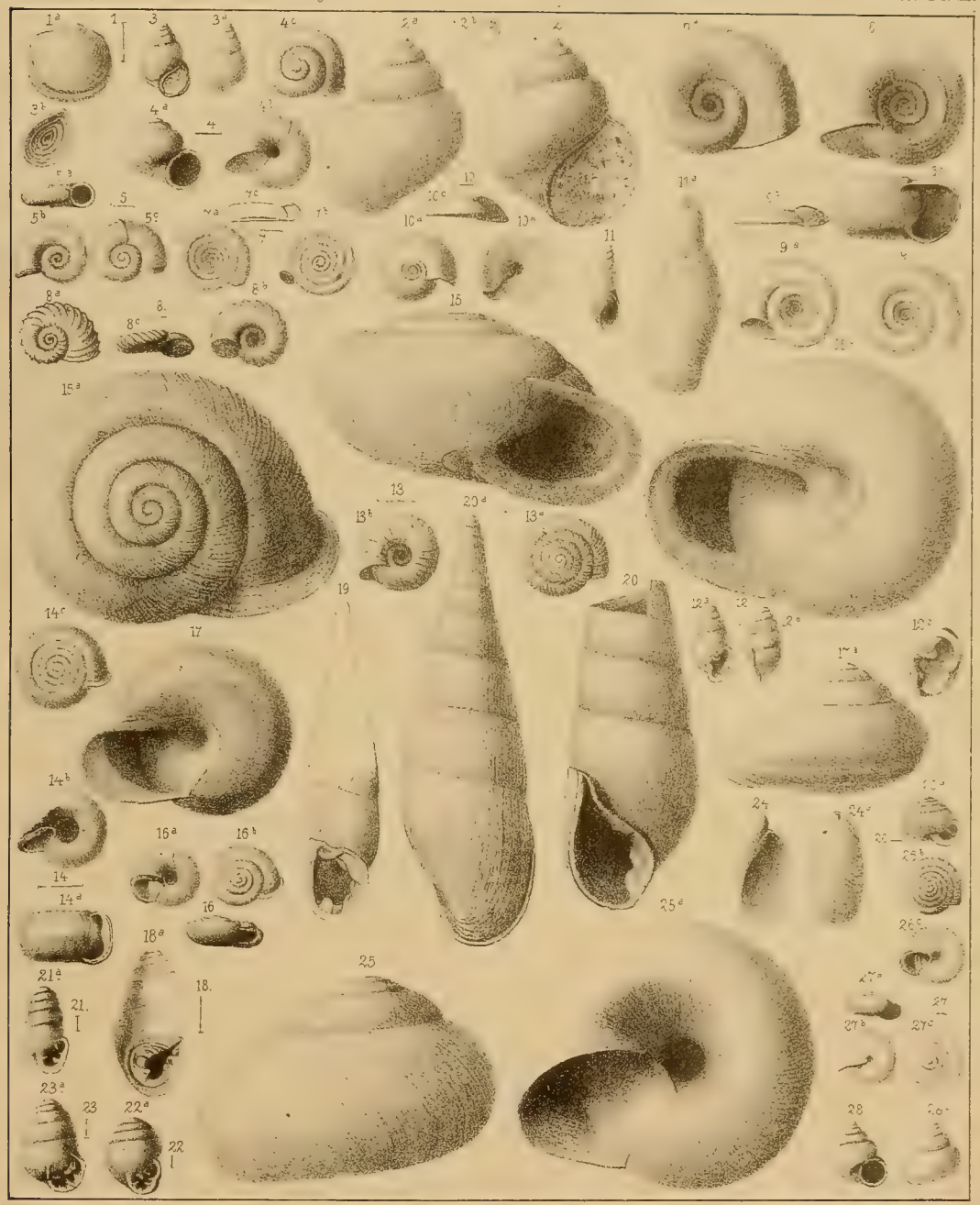
Gez. u. lith. v. F. Schlotterbeck. C. W. Kreidel's Verlag in Wiesbaden. Druck v. J. C. Henzler, Stuttgart.

1. *Dreissenia Brardii A. Brongn. sp.*
2. *Cyrena Faujasii Desh.*
3. *Neritina fluviatilis Lin.*
4. *Melanopsis callosa A. Braun.*
5. *Hydrobia inflata Fauj. sp.*
6. ——— *ventrosa Mont. sp.*
7. *Euchilus succinetforme Sandb.*
8. *Paludina pachystoma id.*
9. *Planorbis declivis A. Braun.*
10. ——— *dealbatus id.*
11. ——— *pompholycodes Sandb.*
12. ——— *crassilabris id.*
13. *Limneus pachygaster Thomae.*
14. ——— *subpalustris id.*
15. ——— *fragilis Grateloup.*
16. *Carychium antiquum A. Braun.*
17. *Helix mattiaca Stein.*
18. ——— *moguntina Desh.*
19. ——— *punctigera Thomae.*
20. ——— *osculum id. var.*
21. *Bulimus turgidulus Sandb.*
22. *Clausilia bulimoides A. Braun.*
23. *Pupa nördlingensis Klein.*
24. *Pupa quadriplicata Braun.*
25. ——— *alloeodus Sandb.*
26. ——— *Rahtii Braun.*
27. ——— *obstructa id.*
28. ——— *anodonta id.*
29. *Neritina Grateloupiana Fér.*
30. *Melanopsis aquiensis Graf.*
31. ——— ——— ——— *var.*
32. ——— *Hoernesi C. Mayer.*
33. *Euchilus Lemani Bast. sp.*
34. ——— *subpyrenaicum Noul. sp.*
35. *Clausilia maxima Graf.*



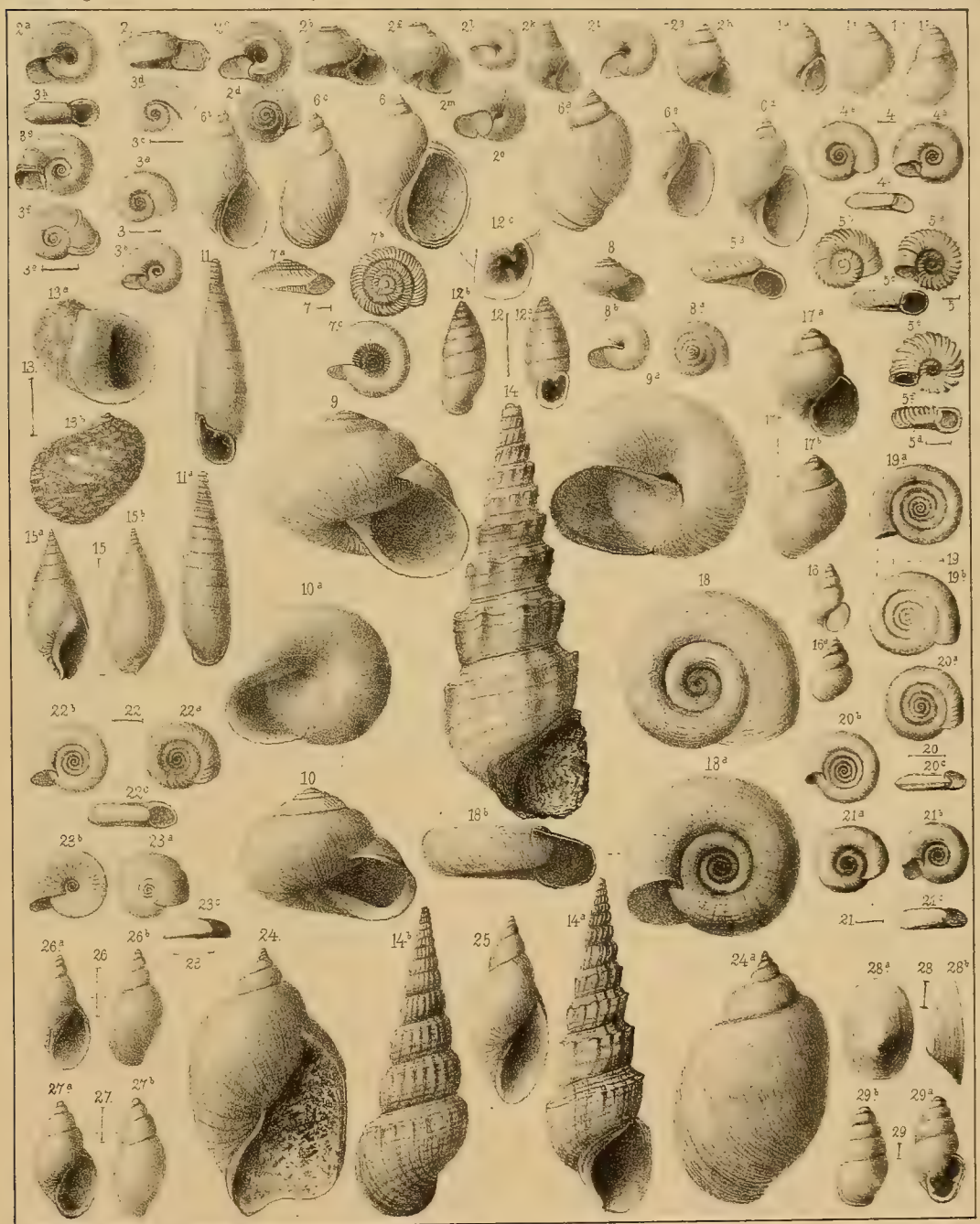
Ges u lith v F Schlotterbeck. C. W. Kreidel's Verlag in Wiesbaden. Druck v J. C Hendler, Stuttgart.

1 *Dreissena alta Sandb.*
2 *Cyrena ulmensis C Mayer.*
3 *Melanopsis glandicula Sandb.*
4 ——— *citharella Merian.*
5 ——— *tabulata Hörnes.*
6 *Hydrobia ventrosa Mont.*
7 ——— *Tournoueri C Mayer sp.*
8 *Amnicola turonensis C Mayer sp.*
9 *Cassidula umbilicata Desh sp.*
10 *Auricula oblonga Desh.*
11 *Auricula Deshayesi Tourn.*
12 *Alexia Tournoueri C. Mayer sp.*
13 ——— *pisolina Desh sp.*
14 ——— *polyodon Sandb.*
15 ——— *acuta Dujard. sp.*
16 *Planorbis solidus Thomae.*
17 *Helix Lartetii Boissy var.*
18 ——— *turonensis Desh var.*
19 ——— ——— ——— *typus*
20 *Helix exstincta Rambur.*
21 ——— *Ligeriana C. Mayer.*
22 *Cyclostomus turgidulus id.*
23 *Helix geniculata Sandb.*
24 *Cyrena Suessii C. Mayer.*
25 *Melanopsis Martiniana Fér.*
26 ——— *Dufourii id. var.*
27 *Melania graciticosta Sandb.*
28 ——— *curvicosta Desh.*
29 *Neritina sena Contraine.*



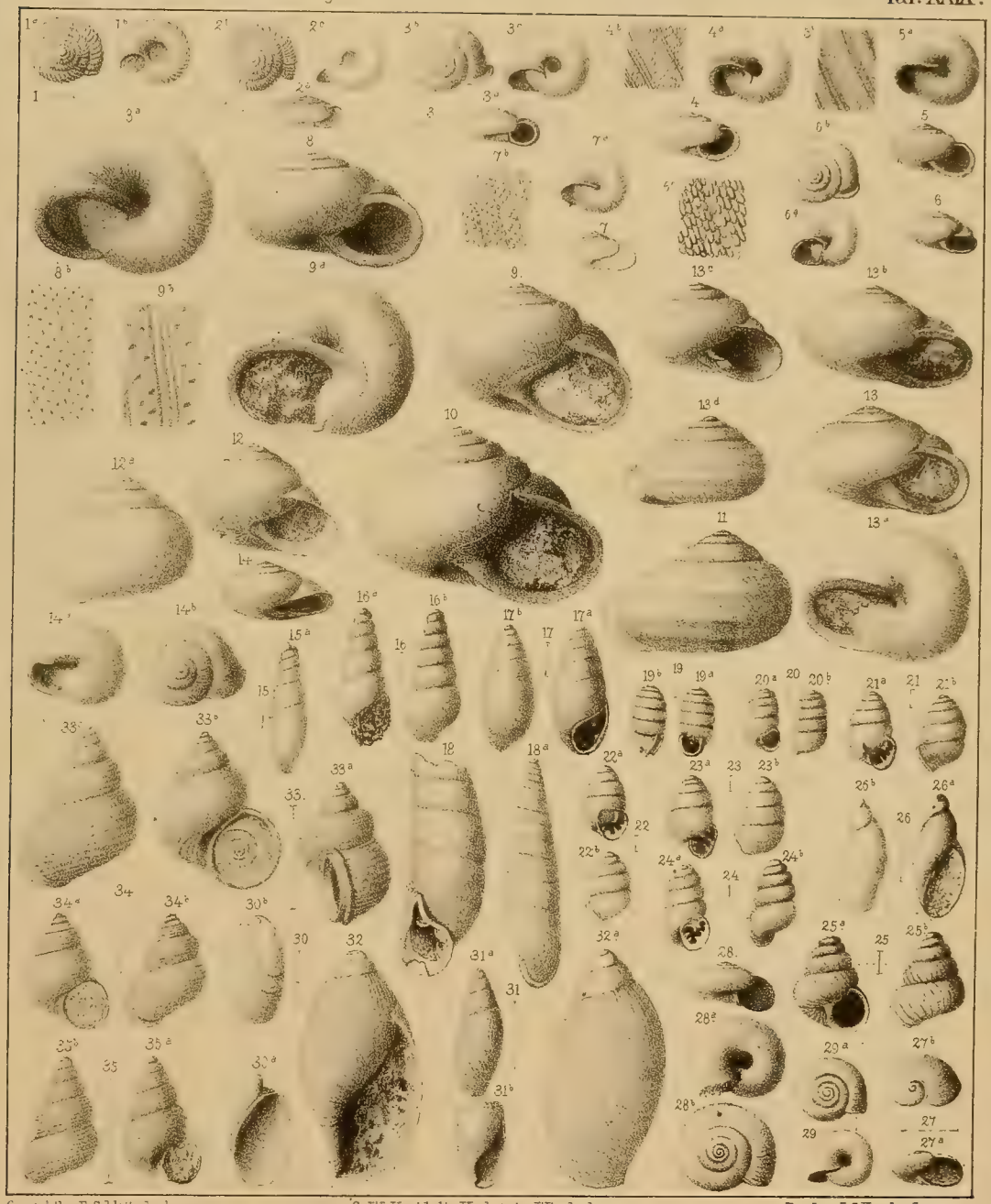
Gez u lith v F Schlotterbeck. C. W. Kreidel's Verlag in Wiesbaden. Druck v. J. C. Heuzler Stuttg.

1 *Sphaerium Normandi Mich.*
2 *Paludina ventricosa Sandb*
3 *Bythinia tentaculata L. sp.*
4 *Valvata piscinaloides Mich.*
5 ——— *marginata id.*
6 *Planorbis Thiollierei id.*
7 ——— *Mariae id.*
8 ——— *geniculatas Sandb.*
9 ——— *carinatus Müll var.*
10 *Planorbis filocinctus Sandb.*
11 *Limneus Bouilleti Mich.*
12 *Carychium pachychilus Sandb.*
13 *Patula ruderoides Mich. sp.*
14 *Helix Bernardii Mich.*
15 ——— *Chaixii id.*
16 ——— *Godarti id.*
17 ——— *Naylesi id.*
18 *Azeca Loryi id.*
19 *Clausilia Michelottii id.*
20 *Clausilia Terveri id.*
21 *Pupa Baudoni id.*
22 ——— *myrmido id.*
23 ——— *Dupuyi id.*
24 *Testacella Lartetii Dupuy*
25 *Hyalinia umbilicaris Desh. sp.*
26 *Strobilus labyrinthicatus Desh.*
27 *Hyalinia crystallina Müll.*
28 *Craspedopoma conoidale Mich. sp.*



Gez. u. lith. v. F. Schlotterbeck. C. W. Kreidels Verlag in Wiesbaden. Druck v. J. C. Henzler, Stuttgart.

1. *Gillia utriculosa Sandb.*
2. *Carinifex multiformis Schübl. sp.*
3. ——— *oxystoma Klein sp.*
4. *Planorbis Zietenii A. Braun.*
5. ——— *costatus Klein.*
6. *Limneus socialis Schübl.*
7. *Patula solarioides A. Braun.*
8. *Helix subcarinulata Sandb.*
9. ——— *steinheimensis Klein.*
10. ——— *suprastruma Zieten.*
11. *Clausilia suturalis Sandb.*
12. *Pupa antiqua Schübl.*
13. *Neritina crenulata Klein.*
14. *Melania Escheri Merian.*
15. *Melanopsis Kleinii Kurr.*
16. *Bythinia gracilis Sandb.*
17. ——— *orata Dunk. sp.*
18. *Planorbis Mantelli Dunk.*
19. ——— *Hilgendorfi Fraas.*
20. *Planorbis declivis A. Braun.*
21. ——— *laevis v. Klein.*
22. ——— *Duvuyanus Noulet.*
23. ——— *Larteti id.*
24. *Limneus dilatatus id.*
25. ——— *armanaciensis id.*
26. ——— *turritus Klein.*
27. ——— *Laurillardianus Noulet.*
28. *Ancylus deperditus Desm.*
29. *Carychium Nouleti Bourg.*

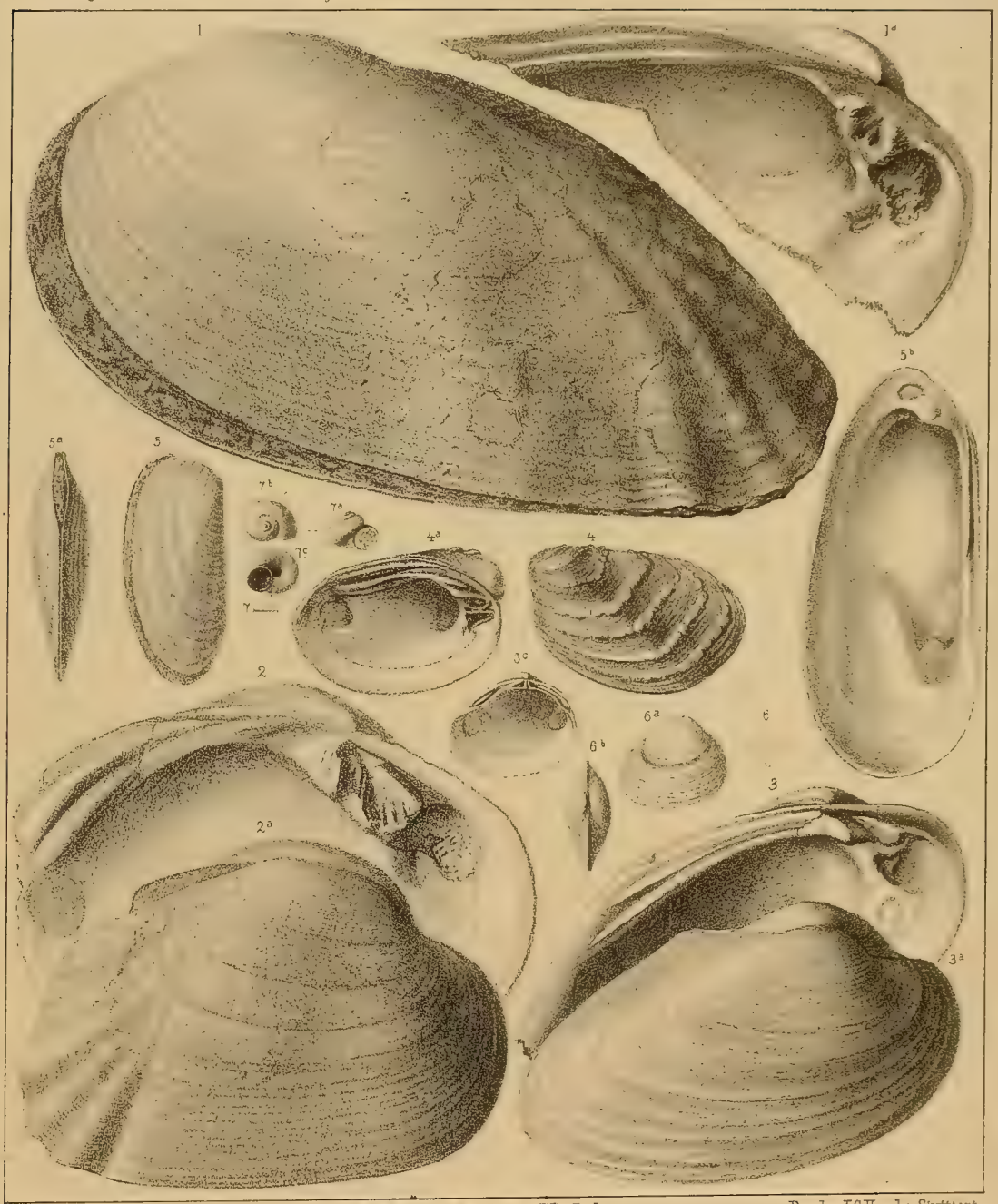


Gez u lith v F. Schlotterbeck. C. W. Kreidel's Verlag in Wiesbaden. Druck v. J. C. Henzler, Stuttgart.

1 *Patula euglyphotdes Sandb*
2 ——— *supracostata id*
3 *Helix submulchella id.*
4 ——— *giengensis Krauss*
5 ——— *ocarctata Klein*
6 ——— *acanthostoma Sandb*
7 ——— *carinulata Klein.*
8 ——— *affixa v Martens.*
9 ——— *Kelbi Klein*
10 ——— *ehingensis Klein.*
11 ——— *Leymeriana Noulet.*
12 ——— *Lartetii Boissy.*

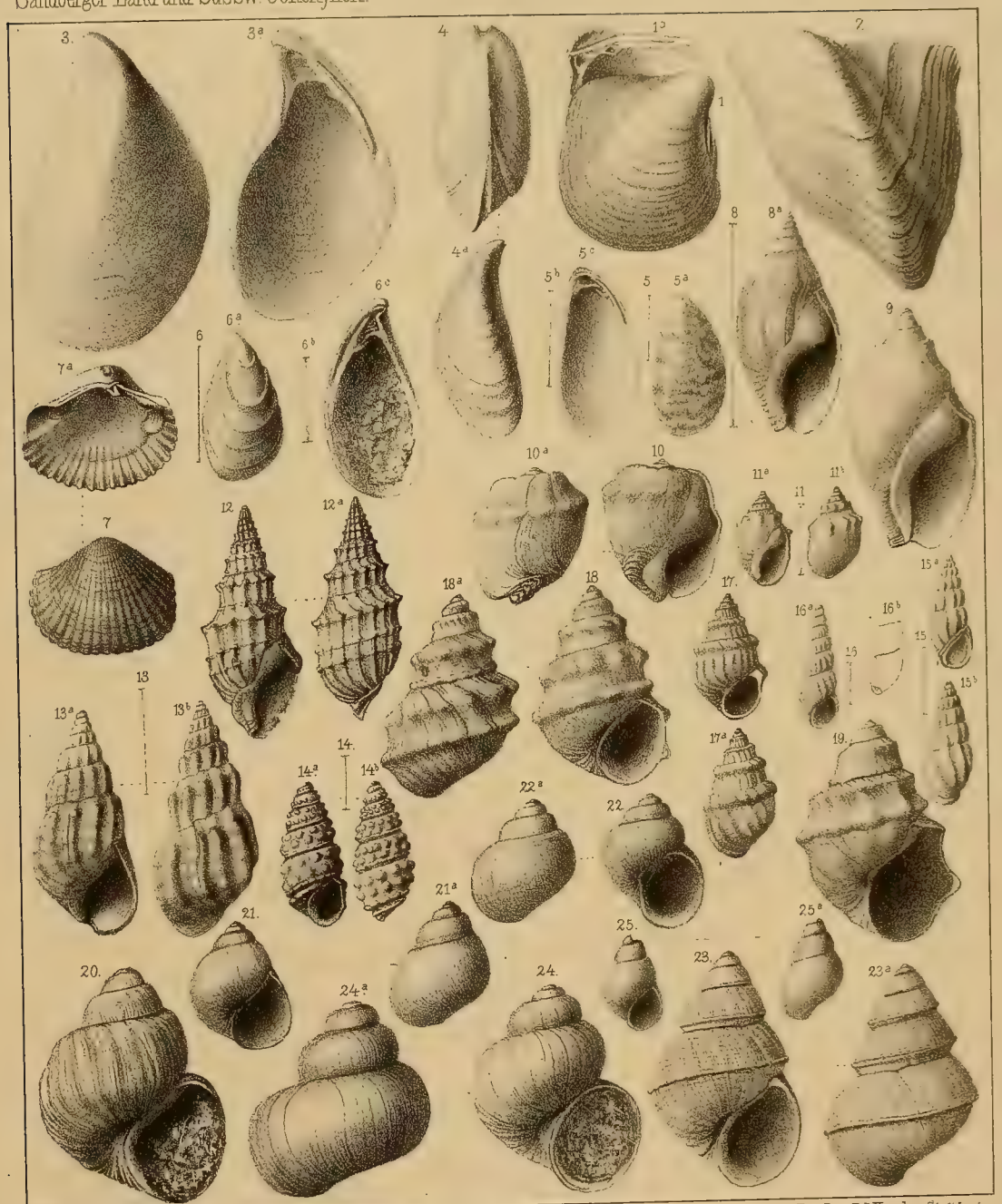
13 *Helix sylvana Klein.*
14 ——— *pachystoma id.*
15 *Caecilianella acicalella Sandb*
16 *Subulina minuta Klein sp.*
17 *Axeca loxostoma Klein sp.*
18 *Clausilia grandis Klein.*
19 *Pupa Blainvilleana Dupuy.*
20 ——— *Charpana id*
21 ——— *Nouletiana id*
22 ——— *Lartetii id.*
23 ——— *diversidens Sandb*

24 *Pupa farcimen Sandb.*
25 ——— *trochulus id*
26 *Succinea minima Klein.*
27 *Vitrina suevica Sandb.*
28 *Hyalinia orbicularis Klein sp.*
29 ——— *subnitens Klein sp.*
30 *Testacella Lartetii Dupuy.*
31 *Oleacina eburnea Klein sp.*
32 *Glandina porrecta Cobeax sp.*
33 *Cyclostomus bisulcatus Kieten sp.*
34 ——— *conicus Klein sp.*
35 *Tudora Lartetii Noul sp.*



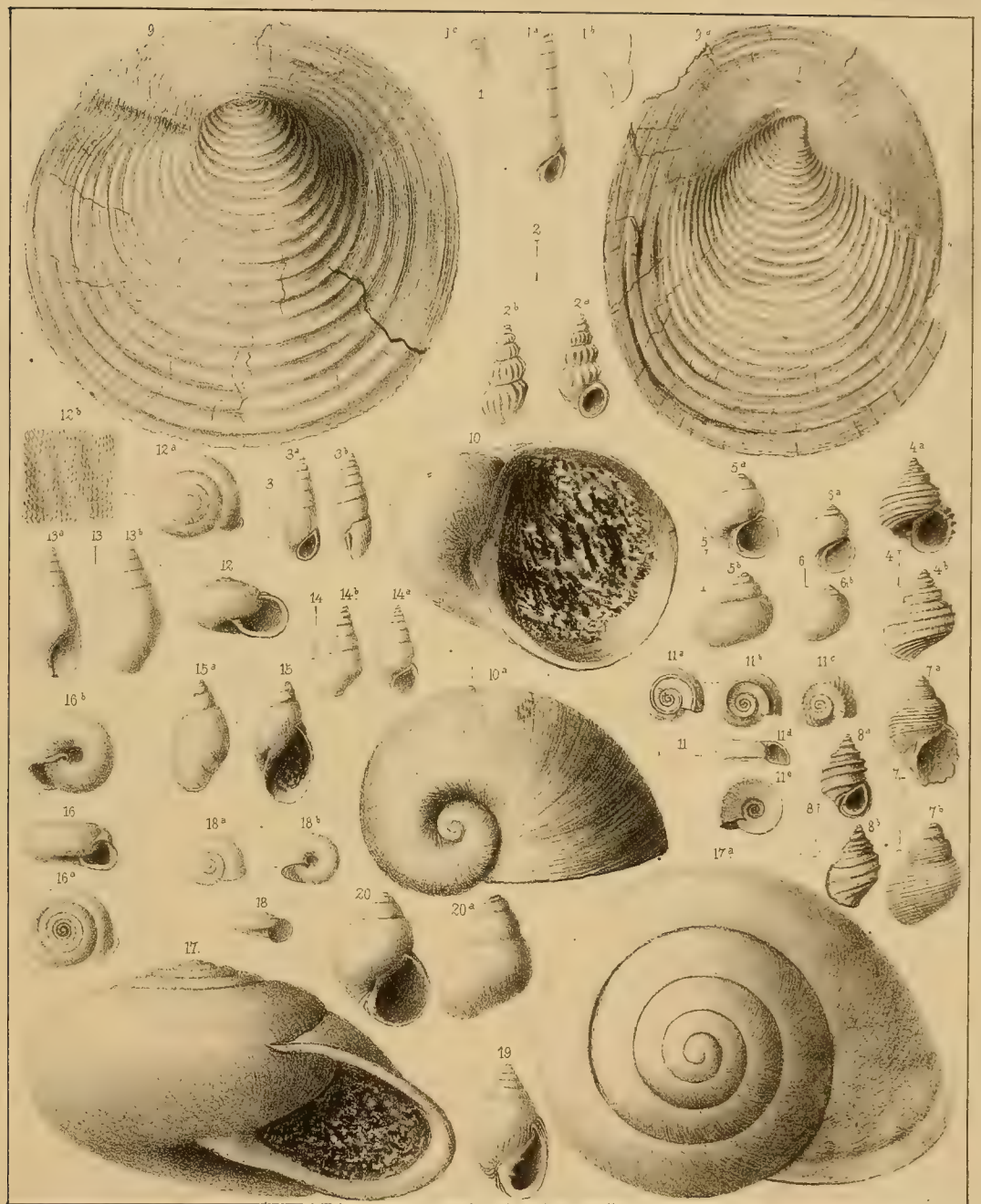
Gez. u. lith. v. F. Schlotterbeck. C. W. Kreidel's Verlag in Wiesbaden. Druck v. J. C. Henzler, Stuttgart.

1. *Unio flabellatus* Goldf.
2. ——— *id. var. subtrigonus* Noul.
3. *Unio Eseri* Krauss.
4. ——— *Vukotinovici* Hörnes.
5. *Dreissenomya Schröckingeri* Fuchs.
6. *Pisidium priscum* Eichw.
7. *Valvata radiatula* Sandb.



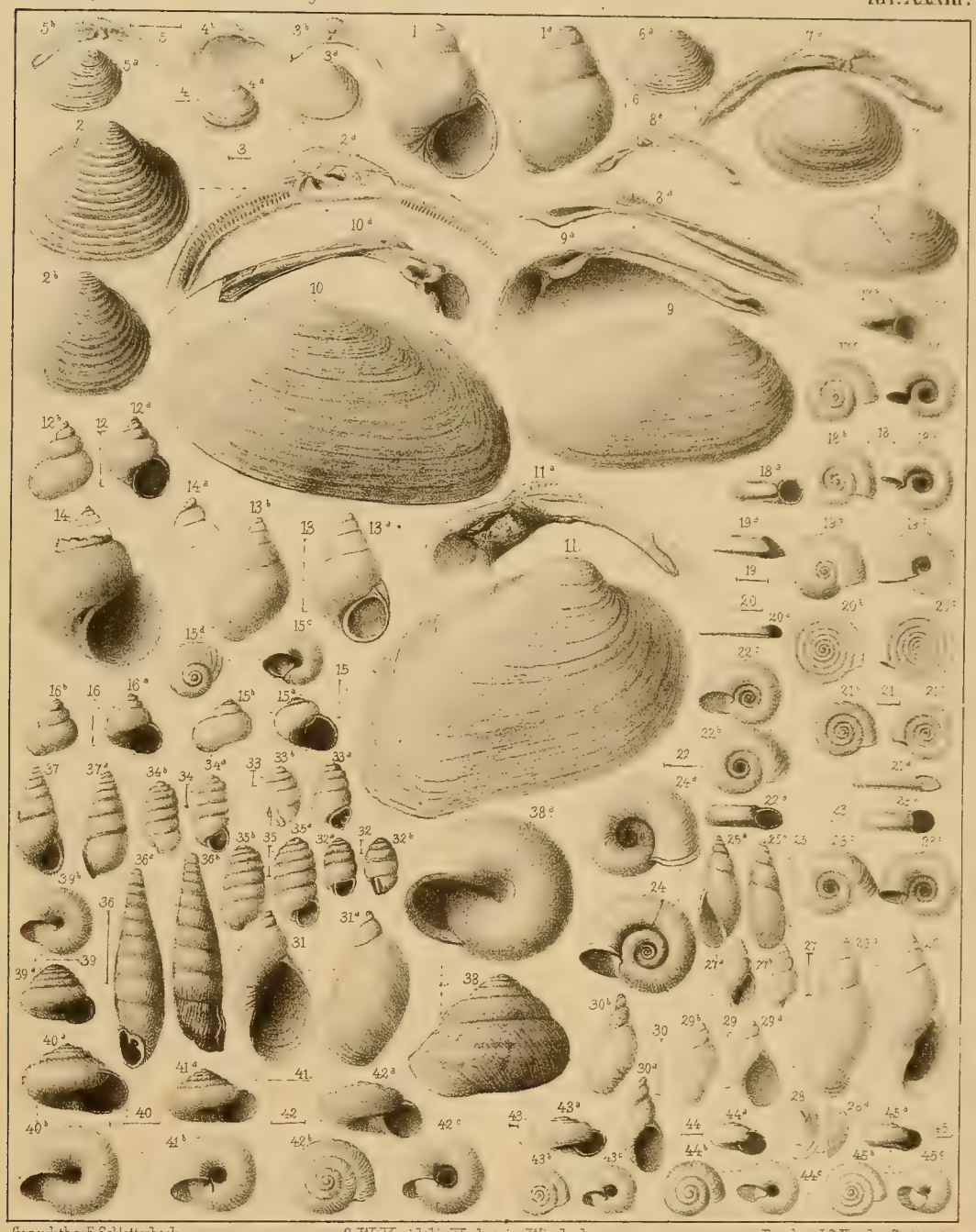
Gez. u. lith. v. F. Schlotterbeck. C. W. Kreidel's Verlag in Wiesbaden. Druck v. J. C. Henzler, Stuttgart

1. Dreissenia subglobosa Partsch sp.
2. ——— triangularis Partsch sp.
3. ——— subcarinata Desh.
4. ——— clavaeformis Krauss.
5. ——— amygdaloides Dunk.
6. ——— simplex Barbot.
7. Cardium apertum Münst.
8. Melanopsis impressa Krauss.
9. Melanopsis Martiniana Fér.
10. ——— ead. var.
11. ——— Bouéi Fér.
12. ——— acanthica Neumayr.
13. ——— inconstans id.
14. Pyrgula Haueri id.
15. Tryonia Tournoueri Neum. sp.
16. Goniochilus costulatum Fuchs sp.
17. Tulotoma avellana Neum. sp.
18. Tulotoma Zelebori Hörn. sp.
19. ——— rudis Neum. sp.
20. Melantho varicosa Bronn sp.
21. Paludina loxostoma Sandb.
22. ——— achatinoides Desh.
23. ——— Vukotinovici Frauenf.
24. Lioplax Duboisi C. Mayer sp.
25. Bythinia tentaculata Lin. sp.



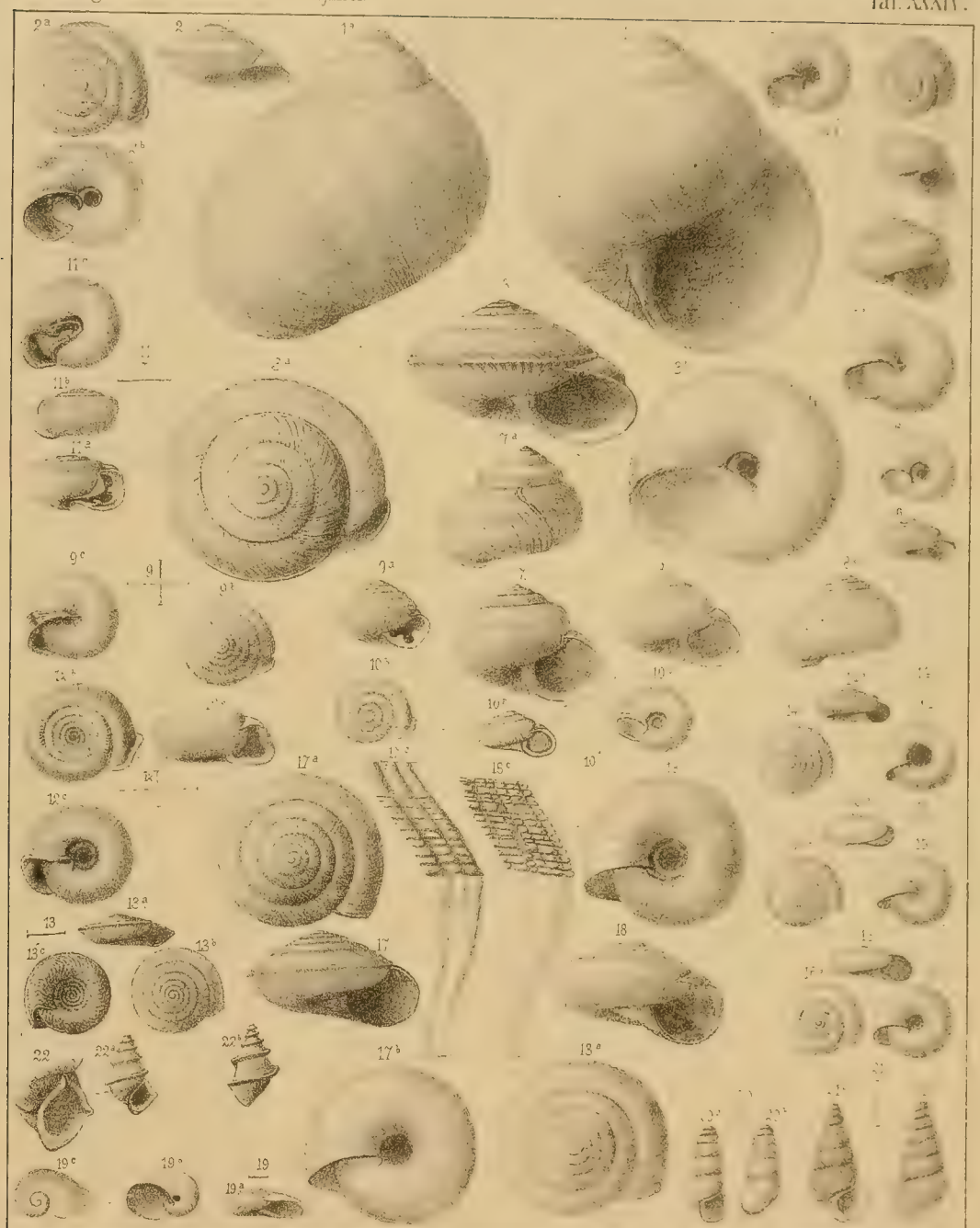
Gez u lith v. F. Schlotterbeck. C. W. Kreidel's Verlag in Wiesbaden. Druck v. J. C. Henzler, Stuttgart.

1 Turbonilla inaspecta Fuchs sp.
2 Prososthenia Schwartzi Neumayr.
3 Nematurella dalmatina Neum. sp.
4 Valvata balatonica Rolle
5 ——— piscinalis Müll.
6 Lithoglyphus panicum Neum.
7 Bythinia Verneuili C. Mayer. sp.
8 Fossarulus tricarinatus Brusina.
9 Valenciennia annulata Rousseau.
10 Limneus velutinus Desh.
11 Planorbis varians Fuchs.
12 Helix goniostoma Sandb.
13 Melanopsis praerosa Lin.
14 Hydrobia assimineiformis Sandb.
15 Limneus peregeri Müll.
16 Helix obvoluta id.
17 ——— Brocchii C. Mayer.
18 Hyalinia hiulca Jan.
19 Orthicardelus pyramidalis Sow. sp.
20 Paludina parilis S. Wood.



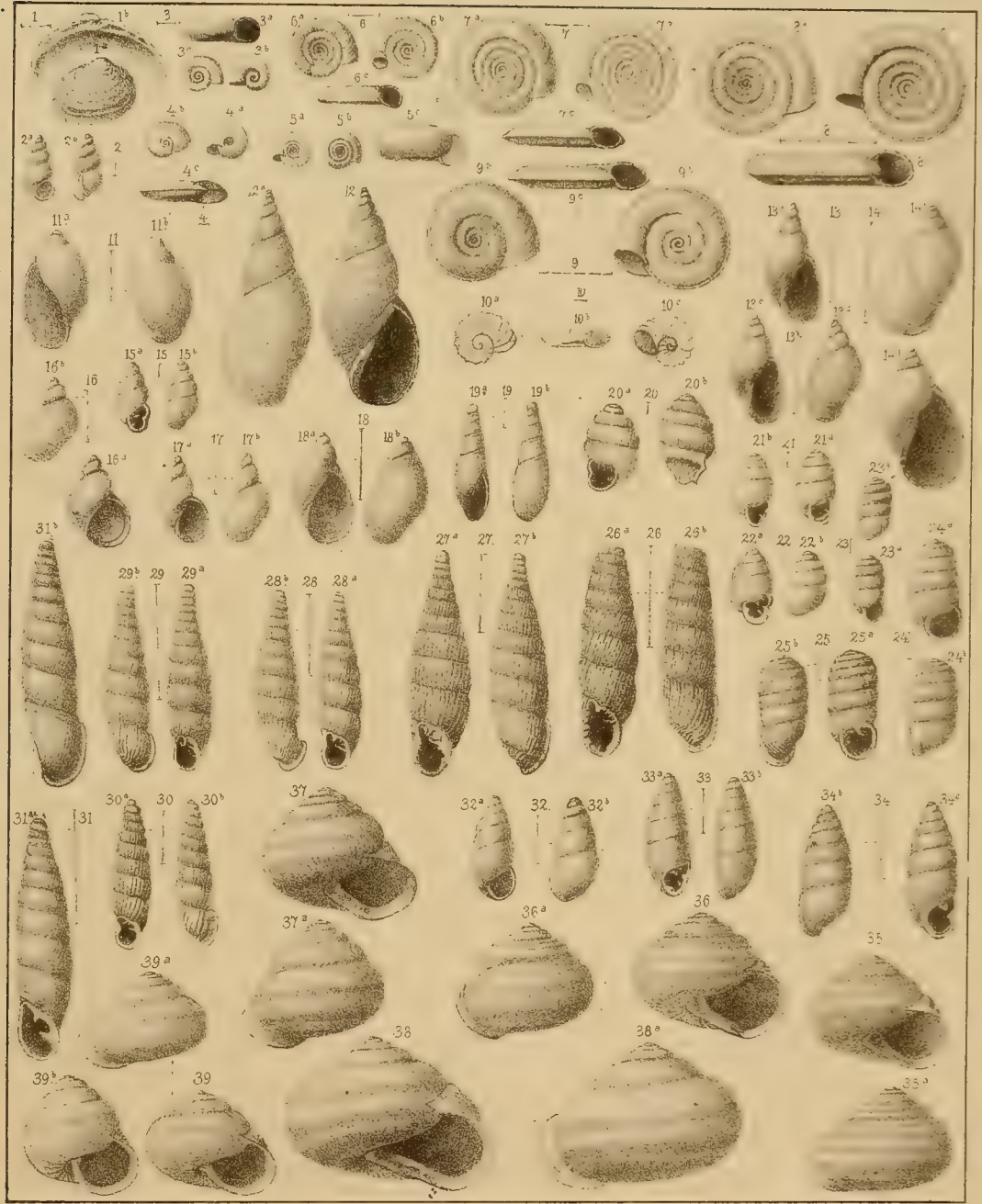
Gez u lith v F Schlotterbeck. C W. Kreidel's Verlag in Wiesbaden. Druck v J C Hendler Stuttgart

1 *Paludina diluviana Kunth*
2 *Cyrena (Corbicula) consobrina Caill.*
3 *Pisidium Henslowianum Sheppard sp.*
4 ——— *casertanum Poli sp. var pulchellum*
5 ——— *amnicum Müll. sp.*
6 *Sphaerium rivicola Leach sp. juv.*
7 ——— *id. adult*
8 *Unio pictorum L. sp.*
9 ——— *crassus Philipps.*
10 ——— *batavus Nilsson.*
11 ——— *littoralis Lam.*
12 *Bythinia Troschelii Paasch.*
13 ——— *tentaculata L. sp.*
14 *Paludina vivipara Müll. sp.*
15 *Valvata naticina Menke.*
16 *Valvata contorta Menke.*
17 ——— *macrostoma Steenb.*
18 ——— *cristata Müll.*
19 *Planorbis micromphalus Sandb.*
20 ——— *septemgyratus Ziegl.*
21 ——— *acies Mühlf.*
22 ——— *albus Müll.*
23 ——— *Rossmässleri Auersw.*
24 ——— *corneus L. sp.*
25 *Anlexa hypnorum L. sp.*
26 *Limneus fragilis L. sp.*
27 ——— *truncatulus Müll. sp.*
28 *Ancylus fluviatilis Müll.*
29 *Succinea oblonga Drap.*
30 ——— *ead. var. elongata Braun*
31 *Succinea putris L. sp.*
32 *Pupa Shuttleworthiana Charp.*
33 ——— *[illegible]*
34 ——— *columella Benz*
35 ——— *[illegible]*
36 *Clausilia pumila Ziegl.*
37 *Buliminus montanus Drap.*
38 *Helix sylvatica L.*
39 ——— *alveolus Sandb.*
40 ——— *sericea Drap.*
41 ——— *rufescens Penn. var.*
42 *Patula ruderata Studer sp.*
43 ——— *[illegible]*
44 *Hyalinia viridula Menke*
45 ——— *crystallina Müll.*



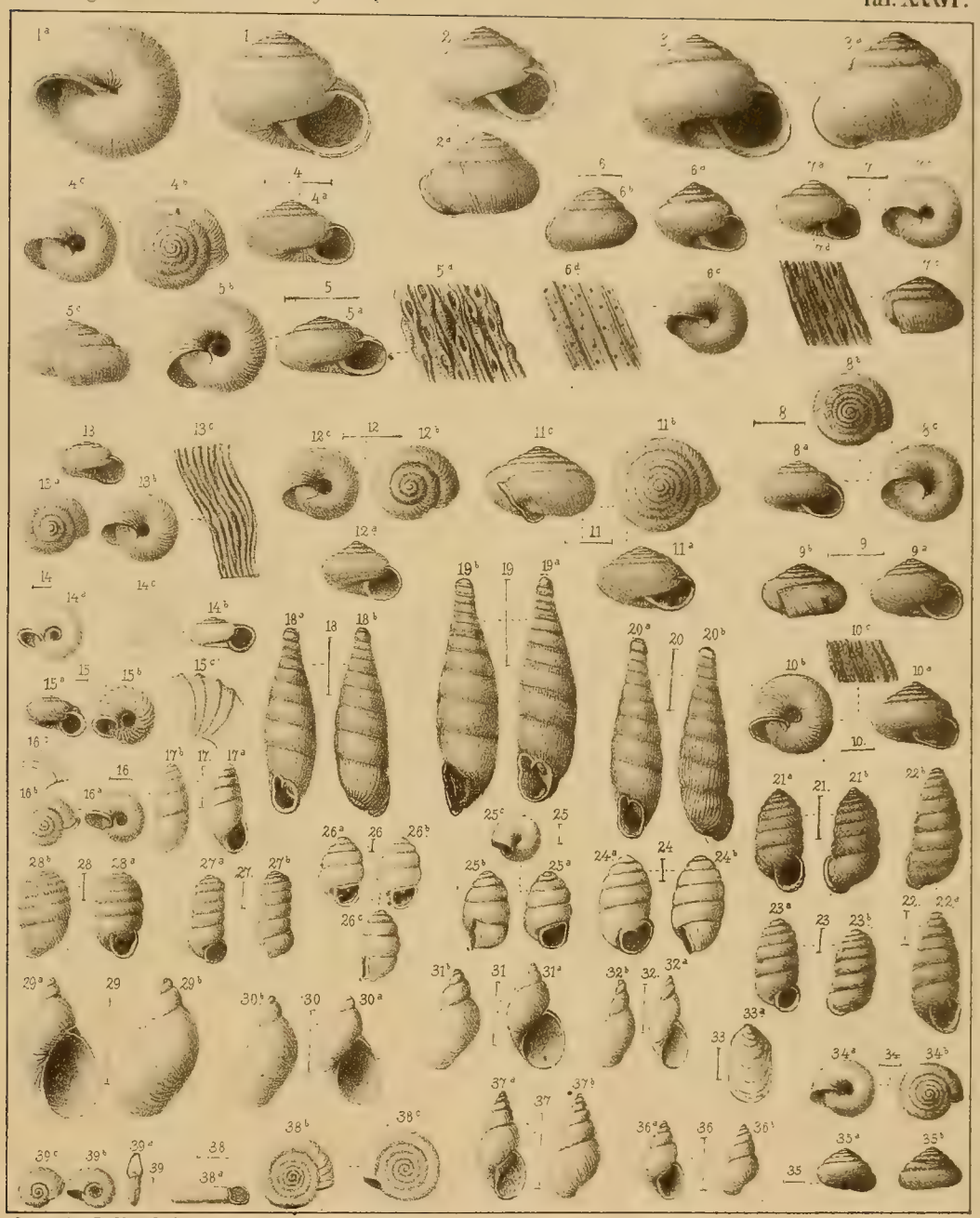
Gez. u lith v F. Schlotterbeck. C. W Kreidel's Verlag in Wiesbaden Druck v J C. Heuzler Stuttgart

1. *Helix pomatia Lin.*
2. ——— *lapicida id.*
3. ——— *canthensis Beyr.*
4. ——— *Nilssoniana Beck sp.*
5. ——— *incarnata Müll.*
6. ——— *umbrosa Partsch.*
7. ——— *fruticum Müll.*
8. *Helix strigella Drap.*
9. ——— *bidens Chemn.*
10. ——— *pulchella Müll. var. costellata Braun.*
11. ——— *personata Lam.*
12. ——— *obvoluta Müll.*
13. *Patula solaria Menke sp.*
14. ——— *rotundata Müll. sp.*
15. *Hyalinia hyalina Fér. sp.*
16. *Hyalinia nitens Mich. sp.*
17. *Zonites acieformis Klein sp.*
18. ——— *verticillus Fér. sp.*
19. *Daiaebardia rufa Fér. sp.*
20. *Acicula polita Hartm.*
21. [illegible]
22. *Pyrgula Nodoli Tourn. sp.*



Gez. u. lith. v. E. Schlotterbeck. C. W. Kreidel's Verlag in Wiesbaden. Druck v. J. C. Henzler, Stuttgart.

1. *Pisidium casertanum Poli.*
2. *Bythinella marginata Mich. sp.*
3. *Valvata cristata Müll.*
4. *Planorbis fontanus Lightf.*
5. ——— *contortus Müll.*
6. ——— *rotundatus Poir.*
7. ——— *vortex Müll.*
8. ——— *complanatus Poir.*
9. ——— *carinatus Müll.*
10. ——— *nautileus L. var. cristatus*
11. *Physa fontinalis Linné*
12. *Limneus fragilis id.*
13. ——— *peregor Müll.*
14. *Limneus ovatus Lam.*
15. *Carychium minimum Müll.*
16. *Succinea paludinae formis A. Braun*
17. ——— *oblonga Drap.*
18. ——— *Pfeifferi Rossm.*
19. *Caecilianella acicula Müll. sp.*
20. *Pupa angustior Jeffreys.*
21. ——— *pygmaea Müll.*
22. ——— *ventrosa Heynem.*
23. ——— *minutissima Hartm. sp.*
24. ——— *muscorum Linné*
25. ——— *doliolum Drap.*
26. *Clausilia plicata id.*
27. *Clausilia pumila Ziegl.*
28. ——— *plicatula Drap.*
29. ——— *ventricosa id.*
30. ——— *filograna Ziegl.*
31. ——— *laminata Mont.*
32. *Cionella lubrica Müll. sp.*
33. *Axeca Menkeana C. Pfeiff. sp.*
34. *Chondrula tridens Müll. sp.*
35. *Helix hortensis id.*
36. ——— *nemoralis Linné*
37. ——— *vindobonensis C. Pfeiff.*
38. ——— *tornensis Sandb.*
39. ——— *arbustorum Müll.*



Gez. u. lith. v. F. Schlotterbeck. C.W. Kreidel's Verlag in Wiesbaden. Druck v. J.C. Henzler, Stuttgart

1. *Helix arbustorum L. (typus.)*
2. ——— *ead. var. alpicola.*
3. ——— *fruticum Müll.*
4. ——— *rufescens Penn.*
5. ——— *pilosa L.*
6. ——— *rarispila Sandb*
7. ——— *sericea Drap.*
8. ——— *hispida L var. major.*
9. ——— *ead. var. media.*
10. ——— *ead. var. minor*
11. ——— *bidens Chemn var. minor.*
12. ——— *costulata Ziegl.*
13. ——— *Nilssoniana Beck sp.*
14. *Helix pulchella Müll var laevis*
15. ——— *ead. var costata.*
16. ——— *tennilabris A Braun*
17. *Cionella lubrica Müll. sp*
18. *Clausilia parvula Stud.*
19. ——— *dubia Drap.*
20. ——— *gracilis Rossm*
21. *Pupa dolium Drap var plagiostoma Braun*
22. ——— *secale Drap var siligo Roth*
23. ——— *muscorum L. sp*
24. ——— *ead. var bigranata Rossm*
25. ——— *narcedentata Braun*
26. ——— *pygmaea Drap.*
27. *Pupa columella Benz.*
28. ——— *doliolum Brug. sp*
29. *Succinea putris L. sp.*
30. ——— *Pfeifferi Rossm.*
31. ——— *oblonga Drap.*
32. ——— *ead. var. elongata Braun*
33. *Limax agrestis L*
34. *Hyalinia subterranea Boog sp.*
35. ——— *fulva Müll. sp.*
36. *Limneus truncatulus Müll. sp.*
37. ——— *fragilis L sp. var fuscas.*
38. *Planorbis rotundatus Poir.*
39. ——— *riparius Westerl.*

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